Clean Harbors Wichita, LLC
2549 North New York Avenue
Wichita, KS 67219
316-269-7400
www.cleanharbors.com

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Clean Harbors Kansas, LLC
2549 North New York Avenue
Wichita, Kansas 67219
Telephone: (316) 269-7400
Fax: (316) 269-7455

Clean Harbors Kansas, LLC
RCRA Permit Application
Part B

Volume 1 of 3

Submitted To:
State of Kansas Department of Health and Environment
And
United States Environmental Protection Agency – Region VII

Revision No. 11
July 11, 2008

"People and Technology Creating a Better Environment"

CERTIFICATION

The following certification is submitted in accordance with the requirements of 40 CFR 270.11:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael Crisenbery, CHMM
Vice President, Environmental Compliance
Clean Harbors Environmental Services, Inc.

5/17/12
Date

Clean Harbors Kansas, LLC

Part B Renewal Application

Table of Contents

"AIL COMPLETED 00-12 FORM TO: IE-BWM SW Jackson, ite 320 Topeka, KS 66612-1366	Kansas Department of Health and Environment **Notification of Regulated Waste Activity for Kansas Treatment, Storage and Disposal Facilities** Kansas Form 8700-23 (RCRA Subtitle C Site Identification Form)	

1. Reason for Submittal (See Instructions on page 4.)

MARK ALL BOX(ES) THAT APPLY

Reason for Submittal:

- ☐ To provide Initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities)
- ☐ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information)
- ☐ As a component of a First Kansas RCRA Hazardous Waste Part A Permit Application
- ☑ As a component of a Revised Kansas RCRA Hazardous Waste Part A Permit Application (Amendment #__11__)
- ☐ As a component of the Hazardous Waste Report

2. Site EPA ID Number (page 5)

EPA ID Number I_K_I_S_I_D_I I_0_I_0_I_7_I I_2_I_4_I_6_I I_8_I_4_I_6_I

3. Site Name (page 5)

Name: Clean Harbors Kansas, LLC

4. Site Location Information (page 5)

Street Address: 2549 North New York Avenue

City, Town, or Village: Wichita	**State: KS**
County Name: Sedgwick	**Zip Code: 67219**

5. Site Land Type (page 5)

Site Land Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

6. North American Industry Classification System (NAICS) Code(s) for the Site (page 5)

A. I_5_I_6_I_2_I_2_I_1_I_1_I	**B.** I___I___I___I___I___I
C. I___I___I___I___I___I	**D.** I___I___I___I___I___I

7. Site Mailing Address (page 6)

Street or P. O. Box: 2549 North New York Avenue

City, Town, or Village: Wichita

State: KS

Country: USA	**Zip Code: 67219**

8. Site Contact Person (page 6)

First Name: Brian	**MI:**	**Last Name:** Key
Phone Number: 316-269-7418	**Extension:**	**Email address:** key.charles@cleanharbors.com

9. Operator and Legal Owner of the Site (page 6)

A. Name of Site's Legal Owner: : Clean Harbors Kansas, LLC	**Date Became Owner (mm/dd/yyyy): 09/06/2002**

Operator Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

B. Name of Site's Operator : Clean Harbors Kansas, LLC	**Date Became Operator (mm/dd/yyyy): 09/06/2002**

Owner Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

10. Type of Regulated Waste Activity
Mark "Yes" or "No" for all activities; complete any additional boxes as instructed. (See instructions on pages 7 to 11.)

A. Hazardous Waste Activities
Complete all parts for 1 through 6.

Y ☑ N ☐ **1. Generator of Hazardous Waste**
If "Yes", choose only one of the following - a, b, or c.

☑ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or

☐ b. KSG sub-class 1: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or

☐ b. KSG sub-class 2: 25 to 100 kg/mo (55 - 220 lbs./mo.) of non-acute hazardous waste; or

☐ c. SQG: Less than 25 kg/mo (55 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities.

Y ☐ N ☑ d. United States Importer of Hazardous Waste

Y ☐ N ☑ e. Mixed Waste (hazardous and radioactive) Generator

Y ☐ N ☑ **2. Transporter of Hazardous Waste**

Y ☑ N ☐ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.

Y ☐ N ☑ **4. Recycler of Hazardous Waste (at your site)**

Y ☐ N ☑ **5. Exempt Boiler and/or Industrial Furnace**
If "Yes", mark each that applies.
☐ a. Small Quantity On-site Burner Exemption
☐ b. Smelting, Melting, and Refining Furnace Exemption

Y ☐ N ☑ **6. Underground Injection Control**

B. Universal Waste Activities

Y ☐ N ☑ **1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to Kansas regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. If "Yes", mark all boxes that apply:**

	Generate	Accumulate
a. Batteries	☐	☐
b. Pesticides	☐	☐
c. Thermostats	☐	☐
d. Lamps	☐	☐
e. Other (specify) _____	☐	☐
f. Other (specify) _____	☐	☐
g. Other (specify _____	☐	☐

Y ☑ N ☐ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities
Mark all boxes that apply.

Y ☐ N ☑ **1. Used Oil Transporter**
If "Yes", mark each that applies.
☐ a. Transporter
☐ b. Transfer Facility

Y ☐ N ☑ **2. Used Oil Processor and/or Re-refiner**
If "Yes", mark each that applies.
☐ a. Processor
☐ b. Re-refiner

Y ☐ N ☑ **3. Off-Specification Used Oil Burner**

Y ☐ N ☑ **4. Used Oil Fuel Marketer**
If "Yes", mark each that applies.
☐ a. Marketer who directs shipment of off-specification used oil to off-specification used oil burner
☐ b. Marketer who first claims the used oil meets the specifications

11. Description of Hazardous Wastes (See page 11 of the instructions)

Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

12. Comments (See page 11 of the instructions)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(See page 11 of the instructions)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
Michael Cribbenberg	Michael Cribbenberg	5/17/12
	VP-Environmental Compliance	

MAIL TO:
KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF WASTE MANAGEMENT
1000 SW JACKSON, SUITE 320
TOPEKA, KS 66612-1366

United States Environmental Protection Agency

HAZARDOUS WASTE PERMIT INFORMATION FORM (8700-23)

1. Facility Permit Contact (See Instructions on Page 16)	First Name: Steve	MI:	Last Name: Bley
	Phone Number: 513-681-5738		Phone Number Extension: 2284
2. Facility Permit Contact Mailing Address (See Instructions on Page 16)	Street or P.O. Box: 2549 North New York Avenue		
	City, Town, or Village: Wichita		
	State: KS		
	Country: USA		Zip Code: 67219
3. Owner Mailing Address and Telephone Number (See instructions on page 17)	Street or P.O. Box: 2549 North New York Avenue		
	City, Town, or Village: Wichita		
	State: KS		
	Country: USA	Zip Code: 67219	Phone Number 316-269-7418
4. Operator Mailing Address and Telephone Number (See instructions on page 17)	Street or P.O. Box: 2549 North New York Avenue		
	City, Town, or Village: Wichita		
	State: KS		
	Country: USA	Zip Code: 67219	Phone Number 316-269-7418
5. Facility Existence Date (See instructions On page 17)	Facility Existence Date (mm/dd/yyyy): 06/01/1979		

6. Other Environmental Permits (See instructions on page 17)

A. Permit Type (Enter code)	B. Permit Number	C. Description
P	1 7 3 0 1 6 1	Air Operating Permit

7. Nature of Business (Provide a brief description; see instructions on page 24)

The Clean Harbors Kansas, LLC facility is located in Wichita, Kansas. The facility stores and, treats RCRA hazardous and nonhazardous wastes. Clean Harbors Kansas, LLC also stores, and otherwise manages RCRA hazardous and nonhazardous wastes sludges, solids, and liquids for subsequent shipment to other United States Environmental Protection Agency (USEPA) permitted (or interim status) facilities for distillation, beneficial reuse, or disposal. Hazardous waste management at the facility includes, but is not limited to, fuel blending for energy recovery, neutralization, accumulation of materials for reclamation, accumulation for hazardous waste landfill disposal, accumulation of low BTU liquids for deep well injection, repackaging for incineration, and storage of industrial waste waters for subsequent discharge. Storage occurs in both containers and tanks.

The facility operates under the requirements of the Resource Conservation and Recovery Act (RCRA) and the Kansas Hazardous Waste Management Act as set forth in Kansas Administrative Regulations (KAR), Title 28, Article 31.

8. Process Codes and Design Capacities (See instructions on page 24) - Enter information in the Sections on Form Page 3.

A. PROCESS CODE - *Enter the code from the list of process codes in the table below that best describes each process to be used at the facility. Fifteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), enter the process information in item 9 (including a description).*

B. PROCESS DESIGN CAPACITY- *For each code entered in Section A, enter the capacity of the process.*

1. **AMOUNT** - *Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.*
2. **UNIT OF MEASURE** - *For each amount entered in Section B(1), enter the code in Section B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.*

C. PROCESS TOTAL NUMBER OF UNITS - *Enter the total number of units for each corresponding process code.*

Process Code	Process	Appropriate Units of Measure For Process Design Capacity
	Disposal:	
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards
D81	Land Treatment	Acres or Hectares
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards
D99	Other Disposal	Any Unit of Measure in Code Table Below
	Storage:	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards
S03	Waste Pile	Cubic Yards or Cubic Meters
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards
S06	Containment Building Storage	Cubic Yards or Cubic Meters
S99	Other Storage	Any Unit of Measure in Code Table Below
	Treatment:	
T01	Tank Treatment	Gallons Per Day; Liters Per Day
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Day; Liters Per Hour; or Million Btu Per Hour
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu Per Hour; or Million Btu Per Hour
	Treatment (continued):	
T81	Cement Kiln	For T81-T93: Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Liters Per Hour; Kilograms Per Hour; or Million Btu Per Hour
T82	Lime Kiln	
T83	Aggregate Kiln	
T84	Phosphate Kiln	
T85	Coke Oven	
T86	Blast Furnace	
T87	Smelting, Melting, or Refining Furnace	
T88	Titanium Dioxide Chloride Oxidation Reactor	
T89	Methane Reforming Furnace	
T90	Pulping Liquor Recovery Furnace	
T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
T92	Halogen Acid Furnaces	
T93	Other Industrial Furnaces Listed In 40 CFR §260.10	
T 94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
	Miscellaneous (Subpart X):	
X01	Open Burning/Open Detonation	Any Unit of Measure in Code Table Below
X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
X99	Other Subpart X	Any Unit of Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liters Per Hour	H
Liters Per Day	V
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds Per Hour	J
Kilograms Per Hour	R
Million Btu Per Hour	X
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu Per Hour	I

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING item 8 (showin in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons

Line Number		A. Process Code (from list above)			B. PROCESS DESIGN CAPACITY (1) Amount (specify)	B. (2) Unit of Measure (enter code)	C. Process Total Number of Units	For Official Use Only
~~X~~	~~1~~	~~S~~	~~0~~	~~2~~	~~533.78~~ 8	~~G~~	~~0 0 1~~	
	1	S	0	1	(Building D) 0	G	001	
	2	S	0	1	(Building B) 0	G	001	
	3	S	0	1	(Building I) 50600	G	001	
	4	S	0	1	(Building J) 0	G	001	
	5	S	0	1	(Processing Area) 9900	G	001	
	6	S	0	1	(Building C) 99110	G	001	
	7	S	0	1	(Drum Dock) 14960	G	001	
	8	S	0	2	(Tank V-1) 7363	G	001	
	8	T	0	1	(Tank V-1) 7363	G	001	
	9	S	0	2	(Tank V-2) 7084	G	001	
	9	T	0	1	(Tank V-2) 7084	G	001	
1	0	S	0	2	(Tank V-3) 7363	G	001	
1	0	T	0	1	(Tank V-3) 7363	G	001	
1	1	S	0	2	(Tank V-4) 7363	G	001	
1	1	T	0	1	(Tank V-4) 7363	G	001	
1	2	S	0	2	(Tank V-5) 20895	G	001	
1	2	T	0	1	(Tank V-5) 20895	G	001	
1	3	S	0	2	(Tank V-6) 20895	G	001	
1	3	T	0	1	(Tank V-6) 20895	G	001	
1	4	S	0	2	(Tank V-7) 7363	G	001	
1	4	T	0	1	(Tank V-7) 7363	G	001	
1	5	S	0	2	(Tank V-8) 7363	G	001	
1	5	T	0	1	(Tank V-8) 7363	G	001	
NOTE: *If you need to list more than 15 process codes, attach an additional*								

sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.								

9. Other Processes (See instructions on page 18 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with item 8)

Line Number (Enter #s in sequence with item 8) X	A. Process Code (From list above) 2	(1) Amount (specify)		(2) Unit of Measure (Enter Code) 4	D. Description of Proces

10. Description of Hazardous Wastes (See instructions on page 18) - Enter information in the Sections on Form Page 5.

A. EPA HAZARDOUS WASTE NUMBER - *Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.*

B. ESTIMATED ANNUAL QUANTITY - *For each listed waste entered in Section A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in Section A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.*

C. UNIT OF MEASURE - *For each quantity entered in Section B, enter the unit of measure code. Units of measure which must be used and the appropriate codes are:*

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure, taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in Section A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the listed hazardous wastes. For non-listed hazardous waste: For each characteristic or toxic contaminant entered in Section A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.
2. Enter —000" in the extreme right box of Item 10.D(1).
3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 10.E.

2. PROCESS DESCRIPTION: *If a code is not listed for a process that will be used, describe the process in Item 10.D(2) or in Item 10.E(2).*

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in Section A. On the same line complete Sections B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In Section A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In Section D(2) on that line enter —included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING Item 10 (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operations. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number		A. EPA Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)									(2) PROCESS DESCRIPTION- (If a code is not entered in D(1))
X	1	K	0	5	4	900	P	T	0	3	D	8	0				
X	2	D	0	0	2	400	P	T	0	3	D	8	0				
X	3	D	0	0	1	100	P	T	0	3	D	8	0				
X	4	D	0	0	2												Included With Above

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D001	1,000	T	S01 S02	
2	D002	250	T	S01 S02	
3	D003	100	T	S01 S02	
4	D004	250	T	S01 S02	
5	D005	250	T	S01 S02	
6	D006	250	T	S01 S02	
7	D007	250	T	S01 S02	
8	D008	250	T	S01 S02	
9	D009	250	T	S01 S02	
10	D010	250	T	S01 S02	
11	D011	250	T	S01 S02	
12	D012	250	T	S01 S02	
13	D013	250	T	S01 S02	
14	D014	250	T	S01 S02	
15	D015	250	T	S01 S02	
16	D016	250	T	S01 S02	
17	D017	250	T	S01 S02	
18	D018	250	T	S01 S02	
19	D019	250	T	S01 S02	
20	D020	250	T	S01 S02	
21	D021	250	T	S01 S02	
22	D022	250	T	S01 S02	
23	D023	250	T	S01 S02	
24	D024	250	T	S01 S02	
25	D025	250	T	S01 S02	
26	D026	250	T	S01 S02	
27	D027	250	T	S01 S02	
28	D028	250	T	S01 S02	
29	D029	250	T	S01 S02	
30	D030	250	T	S01 S02	
31	D031	250	T	S01 S02	
32	D032	250	T	S01 S02	
33	D033	250	T	S01 S02	
34	D034	250	T	S01 S02	
35	D035	250	T	S01 S02	
36	D036	250	T	S01 S02	
37	D037	250	T	S01 S02	
38	D038	250	T	S01 S02	
39	D039	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code) EPA	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D040	250	T	S01 S02	
2	D041	250	T	S01 S02	
3	D042	250	T	S01 S02	
4	D043	250	T	S01 S02	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
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10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	F001	500	T	S01 S02	
2	F002	500	T	S01 S02	
3	F003	500	T	S01 S02	
4	F004	500	T	S01 S02	
5	F005	500	T	S01 S02	
6	F006	250	T	S01 S02	
7	F007	250	T	S01 S02	
8	F008	250	T	S01 S02	
9	F009	250	T	S01 S02	
10	F010	250	T	S01 S02	
11	F011	250	T	S01 S02	
12	F012	250	T	S01 S02	
13	F019	250	T	S01 S02	
14	F024	250	T	S01 S02	
15	F025	250	T	S01 S02	
16	F028	250	T	S01 S02	
17	F032	250	T	S01 S02	
18	F034	250	T	S01 S02	
19	F035	250	T	S01 S02	
20	F037	250	T	S01 S02	
21	F038	250	T	S01 S02	
22	F039	250	T	S01 S02	
23					
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10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	K001	250	T	S01 S02	
2	K002	250	T	S01 S02	
3	K003	250	T	S01 S02	
4	K004	250	T	S01 S02	
5	K005	250	T	S01 S02	
6	K006	250	T	S01 S02	
7	K007	250	T	S01 S02	
8	K008	250	T	S01 S02	
9	K009	250	T	S01 S02	
10	K010	250	T	S01 S02	
11	K011	250	T	S01 S02	
12	K013	250	T	S01 S02	
13	K014	250	T	S01 S02	
14	K015	250	T	S01 S02	
15	K016	250	T	S01 S02	
16	K017	250	T	S01 S02	
17	K018	250	T	S01 S02	
18	K019	250	T	S01 S02	
19	K020	250	T	S01 S02	
20	K021	250	T	S01 S02	
21	K022	250	T	S01 S02	
22	K023	250	T	S01 S02	
23	K024	250	T	S01 S02	
24	K025	250	T	S01 S02	
25	K026	250	T	S01 S02	
26	K027	250	T	S01 S02	
27	K028	250	T	S01 S02	
28	K029	250	T	S01 S02	
29	K030	250	T	S01 S02	
30	K031	250	T	S01 S02	
31	K032	250	T	S01 S02	
32	K033	250	T	S01 S02	
33	K034	250	T	S01 S02	
34	K035	250	T	S01 S02	
35	K036	250	T	S01 S02	
36	K037	250	T	S01 S02	
37	K038	250	T	S01 S02	
38	K039	250	T	S01 S02	
39	K040	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	K041	250	T	S01 S02	
2	K042	250	T	S01 S02	
3	K043	250	T	S01 S02	
4	K044	250	T	S01 S02	
5	K045	250	T	S01 S02	
6	K046	250	T	S01 S02	
7	K047	250	T	S01 S02	
8	K048	250	T	S01 S02	
9	K049	250	T	S01 S02	
10	K050	250	T	S01 S02	
11	K051	250	T	S01 S02	
12	K052	250	T	S01 S02	
13	K060	250	T	S01 S02	
14	K061	250	T	S01 S02	
15	K062	250	T	S01 S02	
16	K064	250	T	S01 S02	
17	K065	250	T	S01 S02	
18	K066	250	T	S01 S02	
19	K069	250	T	S01 S02	
20	K071	250	T	S01 S02	
21	K073	250	T	S01 S02	
22	K083	250	T	S01 S02	
23	K084	250	T	S01 S02	
24	K085	250	T	S01 S02	
25	K086	250	T	S01 S02	
26	K087	250	T	S01 S02	
27	K088	250	T	S01 S02	
28	K090	250	T	S01 S02	
29	K091	250	T	S01 S02	
30	K093	250	T	S01 S02	
31	K094	250	T	S01 S02	
32	K095	250	T	S01 S02	
33	K096	250	T	S01 S02	
34	K097	250	T	S01 S02	
35	K098	250	T	S01 S02	
36	K099	250	T	S01 S02	
37	K100	250	T	S01 S02	
38	K101	250	T	S01 S02	
39	K102	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	K106	250	T	S01 S02	
2	K104	250	T	S01 S02	
3	K105	250	T	S01 S02	
4	K106	250	T	S01 S02	
5	K107	250	T	S01 S02	
6	K108	250	T	S01 S02	
7	K109	250	T	S01 S02	
8	K110	250	T	S01 S02	
9	K111	250	T	S01 S02	
10	K112	250	T	S01 S02	
11	K113	250	T	S01 S02	
12	K114	250	T	S01 S02	
13	K115	250	T	S01 S02	
14	K116	250	T	S01 S02	
15	K117	250	T	S01 S02	
16	K118	250	T	S01 S02	
17	K123	250	T	S01 S02	
18	K124	250	T	S01 S02	
19	K125	250	T	S01 S02	
20	K126	250	T	S01 S02	
21	K131	250	T	S01 S02	
22	K132	250	T	S01 S02	
23	K136	250	T	S01 S02	
24	K141	250	T	S01 S02	
25	K142	250	T	S01 S02	
26	K143	250	T	S01 S02	
27	K144	250	T	S01 S02	
28	K145	250	T	S01 S02	
29	K147	250	T	S01 S02	
30	K148	250	T	S01 S02	
31	K149	250	T	S01 S02	
32	K150	250	T	S01 S02	
33	K151	250	T	S01 S02	
34	K156	250	T	S01 S02	
35	K157	250	T	S01 S02	
36	K158	250	T	S01 S02	
37	K159	250	T	S01 S02	
38	K160	250	T	S01 S02	
39	K161	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	K169	250	T	S01 S02	
2	K170	250	T	S01 S02	
3	K171	250	T	S01 S02	
4	K172	250	T	S01 S02	
5	K174	250	T	S01 S02	
6	K175	250	T	S01 S02	
7	K181	250	T	S01 S02	
8					
9					
10					
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10. Description of Hazardous Waste (Continued; additional sheet)

Line Number		A. Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)									(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	1	P	0	0	1	250	T	S	0	1	S	0	2				
	2	P	0	0	2	250	T	S	0	1	S	0	2				
	3	P	0	0	3	250	T	S	0	1	S	0	2				
	4	P	0	0	4	250	T	S	0	1	S	0	2				
	5	P	0	0	5	250	T	S	0	1	S	0	2				
	6	P	0	0	6	250	T	S	0	1	S	0	2				
	7	P	0	0	7	250	T	S	0	1	S	0	2				
	8	P	0	0	8	250	T	S	0	1	S	0	2				
	9	P	0	0	9	250	T	S	0	1	S	0	2				
1	0	P	0	1	0	250	T	S	0	1	S	0	2				
1	1	P	0	1	1	250	T	S	0	1	S	0	2				
1	2	P	0	1	2	250	T	S	0	1	S	0	2				
1	3	P	0	1	3	250	T	S	0	1	S	0	2				
1	4	P	0	1	4	250	T	S	0	1	S	0	2				
1	5	P	0	1	5	250	T	S	0	1	S	0	2				
1	6	P	0	1	6	250	T	S	0	1	S	0	2				
1	7	P	0	1	7	250	T	S	0	1	S	0	2				
1	8	P	0	1	8	250	T	S	0	1	S	0	2				
1	9	P	0	2	0	250	T	S	0	1	S	0	2				
2	0	P	0	2	1	250	T	S	0	1	S	0	2				
2	1	P	0	2	2	250	T	S	0	1	S	0	2				
2	2	P	0	2	3	250	T	S	0	1	S	0	2				
2	3	P	0	2	4	250	T	S	0	1	S	0	2				
2	4	P	0	2	6	250	T	S	0	1	S	0	2				
2	5	P	0	2	7	250	T	S	0	1	S	0	2				
2	6	P	0	2	8	250	T	S	0	1	S	0	2				
2	7	P	0	2	9	250	T	S	0	1	S	0	2				
2	8	P	0	3	0	250	T	S	0	1	S	0	2				
2	9	P	0	3	1	250	T	S	0	1	S	0	2				
3	0	P	0	3	3	250	T	S	0	1	S	0	2				
3	1	P	0	3	4	250	T	S	0	1	S	0	2				
3	2	P	0	3	6	250	T	S	0	1	S	0	2				
3	3	P	0	3	7	250	T	S	0	1	S	0	2				
3	4	P	0	3	8	250	T	S	0	1	S	0	2				
3	5	P	0	3	9	250	T	S	0	1	S	0	2				
3	6	P	0	4	0	250	T	S	0	1	S	0	2				
3	7	P	0	4	1	250	T	S	0	1	S	0	2				
3	8	P	0	4	2	250	T	S	0	1	S	0	2				
3	9	P	0	4	3	250	T	S	0	1	S	0	2				

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P044	250	T	S01 S02	
2	P045	250	T	S01 S02	
3	P046	250	T	S01 S02	
4	P047	250	T	S01 S02	
5	P048	250	T	S01 S02	
6	P049	250	T	S01 S02	
7	P050	250	T	S01 S02	
8	P051	250	T	S01 S02	
9	P054	250	T	S01 S02	
10	P056	250	T	S01 S02	
11	P057	250	T	S01 S02	
12	P058	250	T	S01 S02	
13	P059	250	T	S01 S02	
14	P060	250	T	S01 S02	
15	P062	250	T	S01 S02	
16	P063	250	T	S01 S02	
17	P064	250	T	S01 S02	
18	P065	250	T	S01 S02	
19	P066	250	T	S01 S02	
20	P067	250	T	S01 S02	
21	P068	250	T	S01 S02	
22	P069	250	T	S01 S02	
23	P070	250	T	S01 S02	
24	P071	250	T	S01 S02	
25	P072	250	T	S01 S02	
26	P073	250	T	S01 S02	
27	P074	250	T	S01 S02	
28	P075	250	T	S01 S02	
29	P076	250	T	S01 S02	
30	P077	250	T	S01 S02	
31	P078	250	T	S01 S02	
32	P081	250	T	S01 S02	
33	P082	250	T	S01 S02	
34	P084	250	T	S01 S02	
35	P085	250	T	S01 S02	
36	P087	250	T	S01 S02	
37	P088	250	T	S01 S02	
38	P089	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code) EPA	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	P 0 9 3	250	T	S 0 1 S 0 2	
2	P 0 9 4	250	T	S 0 1 S 0 2	
3	P 0 9 5	250	T	S 0 1 S 0 2	
4	P 0 9 6	250	T	S 0 1 S 0 2	
5	P 0 9 7	250	T	S 0 1 S 0 2	
6	P 0 9 8	250	T	S 0 1 S 0 2	
7	P 0 9 9	250	T	S 0 1 S 0 2	
8	P 1 0 1	250	T	S 0 1 S 0 2	
9	P 1 0 2	250	T	S 0 1 S 0 2	
10	P 1 0 3	250	T	S 0 1 S 0 2	
11	P 1 0 4	250	T	S 0 1 S 0 2	
12	P 1 0 5	250	T	S 0 1 S 0 2	
13	P 1 0 6	250	T	S 0 1 S 0 2	
14	P 1 0 7	250	T	S 0 1 S 0 2	
15	P 1 0 8	250	T	S 0 1 S 0 2	
16	P 1 0 9	250	T	S 0 1 S 0 2	
17	P 1 1 0	250	T	S 0 1 S 0 2	
18	P 1 1 1	250	T	S 0 1 S 0 2	
19	P 1 1 2	250	T	S 0 1 S 0 2	
20	P 1 1 3	250	T	S 0 1 S 0 2	
21	P 1 1 4	250	T	S 0 1 S 0 2	
22	P 1 1 5	250	T	S 0 1 S 0 2	
23	P 1 1 6	250	T	S 0 1 S 0 2	
24	P 1 1 8	250	T	S 0 1 S 0 2	
25	P 1 1 9	250	T	S 0 1 S 0 2	
26	P 1 2 0	250	T	S 0 1 S 0 2	
27	P 1 2 1	250	T	S 0 1 S 0 2	
28	P 1 2 2	250	T	S 0 1 S 0 2	
29	P 1 2 3	250	T	S 0 1 S 0 2	
30	P 1 2 7	250	T	S 0 1 S 0 2	
31	P 1 2 8	250	T	S 0 1 S 0 2	
32	P 1 8 5	250	T	S 0 1 S 0 2	
33	P 1 8 8	250	T	S 0 1 S 0 2	
34	P 1 8 9	250	T	S 0 1 S 0 2	
35	P 1 9 0	250	T	S 0 1 S 0 2	
36	P 1 9 1	250	T	S 0 1 S 0 2	
37	P 1 9 2	250	T	S 0 1 S 0 2	
38	P 1 9 4	250	T	S 0 1 S 0 2	
39	P 1 9 6	250	T	S 0 1 S 0 2	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number		A. Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)									(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	1	P	1	9	7	250	T	S	0	1	S	0	2				
	2	P	1	9	8	250	T	S	0	1	S	0	2				
	3	P	1	9	9	250	T	S	0	1	S	0	2				
	4	P	2	0	1	250	T	S	0	1	S	0	2				
	5	P	2	0	2	250	T	S	0	1	S	0	2				
	6	P	2	0	3	250	T	S	0	1	S	0	2				
	7	P	2	0	4	250	T	S	0	1	S	0	2				
	8	P	2	0	5	250	T	S	0	1	S	0	2				
	9																
1	0																
1	1																
1	2																
1	3																
1	4																
1	5																
1	6																
1	7																
1	8																
1	9																
2	0																
2	1																
2	2																
2	3																
2	4																
2	5																
2	6																
2	7																
2	8																
2	9																
3	0																
3	1																
3	2																
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3	5																
3	6																
3	7																
3	8																
3	9																

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number		A. Hazardous Waste No. (Enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)									(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
	1	U	0	0	1	250	T	S	0	1	S	0	2				
	2	U	0	0	2	250	T	S	0	1	S	0	2				
	3	U	0	0	3	250	T	S	0	1	S	0	2				
	4	U	0	0	4	250	T	S	0	1	S	0	2				
	5	U	0	0	5	250	T	S	0	1	S	0	2				
	6	U	0	0	6	250	T	S	0	1	S	0	2				
	7	U	0	0	7	250	T	S	0	1	S	0	2				
	8	U	0	0	8	250	T	S	0	1	S	0	2				
	9	U	0	0	9	250	T	S	0	1	S	0	2				
1	0	U	0	1	0	250	T	S	0	1	S	0	2				
1	1	U	0	1	1	250	T	S	0	1	S	0	2				
1	2	U	0	1	2	250	T	S	0	1	S	0	2				
1	3	U	0	1	4	250	T	S	0	1	S	0	2				
1	4	U	0	1	5	250	T	S	0	1	S	0	2				
1	5	U	0	1	6	250	T	S	0	1	S	0	2				
1	6	U	0	1	7	250	T	S	0	1	S	0	2				
1	7	U	0	1	8	250	T	S	0	1	S	0	2				
1	8	U	0	1	9	250	T	S	0	1	S	0	2				
1	9	U	0	2	0	250	T	S	0	1	S	0	2				
2	0	U	0	2	1	250	T	S	0	1	S	0	2				
2	1	U	0	2	2	250	T	S	0	1	S	0	2				
2	2	U	0	2	3	250	T	S	0	1	S	0	2				
2	3	U	0	2	4	250	T	S	0	1	S	0	2				
2	4	U	0	2	5	250	T	S	0	1	S	0	2				
2	5	U	0	2	6	250	T	S	0	1	S	0	2				
2	6	U	0	2	7	250	T	S	0	1	S	0	2				
2	7	U	0	2	8	250	T	S	0	1	S	0	2				
2	8	U	0	2	9	250	T	S	0	1	S	0	2				
2	9	U	0	3	0	250	T	S	0	1	S	0	2				
3	0	U	0	3	1	250	T	S	0	1	S	0	2				
3	1	U	0	3	2	250	T	S	0	1	S	0	2				
3	2	U	0	3	3	250	T	S	0	1	S	0	2				
3	3	U	0	3	4	250	T	S	0	1	S	0	2				
3	4	U	0	3	5	250	T	S	0	1	S	0	2				
3	5	U	0	3	6	250	T	S	0	1	S	0	2				
3	6	U	0	3	7	250	T	S	0	1	S	0	2				
3	7	U	0	3	8	250	T	S	0	1	S	0	2				
3	8	U	0	3	9	250	T	S	0	1	S	0	2				
3	9	U	0	4	1	250	T	S	0	1	S	0	2				

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 0 4 2	250	T	S 0 1 S 0 2	
2	U 0 4 3	250	T	S 0 1 S 0 2	
3	U 0 4 4	250	T	S 0 1 S 0 2	
4	U 0 4 5	250	T	S 0 1 S 0 2	
5	U 0 4 6	250	T	S 0 1 S 0 2	
6	U 0 4 7	250	T	S 0 1 S 0 2	
7	U 0 4 8	250	T	S 0 1 S 0 2	
8	U 0 4 9	250	T	S 0 1 S 0 2	
9	U 0 5 0	250	T	S 0 1 S 0 2	
10	U 0 5 1	250	T	S 0 1 S 0 2	
11	U 0 5 2	250	T	S 0 1 S 0 2	
12	U 0 5 3	250	T	S 0 1 S 0 2	
13	U 0 5 5	250	T	S 0 1 S 0 2	
14	U 0 5 6	250	T	S 0 1 S 0 2	
15	U 0 5 7	250	T	S 0 1 S 0 2	
16	U 0 5 8	250	T	S 0 1 S 0 2	
17	U 0 5 9	250	T	S 0 1 S 0 2	
18	U 0 6 0	250	T	S 0 1 S 0 2	
19	U 0 6 1	250	T	S 0 1 S 0 2	
20	U 0 6 2	250	T	S 0 1 S 0 2	
21	U 0 6 3	250	T	S 0 1 S 0 2	
22	U 0 6 4	250	T	S 0 1 S 0 2	
23	U 0 6 6	250	T	S 0 1 S 0 2	
24	U 0 6 7	250	T	S 0 1 S 0 2	
25	U 0 6 8	250	T	S 0 1 S 0 2	
26	U 0 6 9	250	T	S 0 1 S 0 2	
27	U 0 7 0	250	T	S 0 1 S 0 2	
28	U 0 7 1	250	T	S 0 1 S 0 2	
29	U 0 7 2	250	T	S 0 1 S 0 2	
30	U 0 7 3	250	T	S 0 1 S 0 2	
31	U 0 7 4	250	T	S 0 1 S 0 2	
32	U 0 7 5	250	T	S 0 1 S 0 2	
33	U 0 7 6	250	T	S 0 1 S 0 2	
34	U 0 7 7	250	T	S 0 1 S 0 2	
35	U 0 7 8	250	T	S 0 1 S 0 2	
36	U 0 7 9	250	T	S 0 1 S 0 2	
37	U 0 8 0	250	T	S 0 1 S 0 2	
38	U 0 8 1	250	T	S 0 1 S 0 2	
39	U 0 8 2	250	T	S 0 1 S 0 2	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U083	250	T	S01 S02	
2	U084	250	T	S01 S02	
3	U085	250	T	S01 S02	
4	U086	250	T	S01 S02	
5	U087	250	T	S01 S02	
6	U088	250	T	S01 S02	
7	U089	250	T	S01 S02	
8	U090	250	T	S01 S02	
9	U091	250	T	S01 S02	
10	U092	250	T	S01 S02	
11	U093	250	T	S01 S02	
12	U094	250	T	S01 S02	
13	U095	250	T	S01 S02	
14	U096	250	T	S01 S02	
15	U097	250	T	S01 S02	
16	U098	250	T	S01 S02	
17	U099	250	T	S01 S02	
18	U101	250	T	S01 S02	
19	U102	250	T	S01 S02	
20	U103	250	T	S01 S02	
21	U105	250	T	S01 S02	
22	U106	250	T	S01 S02	
23	U107	250	T	S01 S02	
24	U108	250	T	S01 S02	
25	U109	250	T	S01 S02	
26	U110	250	T	S01 S02	
27	U111	250	T	S01 S02	
28	U112	250	T	S01 S02	
29	U113	250	T	S01 S02	
30	U114	250	T	S01 S02	
31	U115	250	T	S01 S02	
32	U116	250	T	S01 S02	
33	U117	250	T	S01 S02	
34	U118	250	T	S01 S02	
35	U119	250	T	S01 S02	
36	U120	250	T	S01 S02	
37	U121	250	T	S01 S02	
38	U122	250	T	S01 S02	
39	U123	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code) EPA	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U124	250	T	S01 S02	
2	U125	250	T	S01 S02	
3	U126	250	T	S01 S02	
4	U127	250	T	S01 S02	
5	U128	250	T	S01 S02	
6	U129	250	T	S01 S02	
7	U130	250	T	S01 S02	
8	U131	250	T	S01 S02	
9	U132	250	T	S01 S02	
10	U133	250	T	S01 S02	
11	U134	250	T	S01 S02	
12	U135	250	T	S01 S02	
13	U136	250	T	S01 S02	
14	U137	250	T	S01 S02	
15	U138	250	T	S01 S02	
16	U140	250	T	S01 S02	
17	U141	250	T	S01 S02	
18	U142	250	T	S01 S02	
19	U143	250	T	S01 S02	
20	U144	250	T	S01 S02	
21	U145	250	T	S01 S02	
22	U146	250	T	S01 S02	
23	U147	250	T	S01 S02	
24	U148	250	T	S01 S02	
25	U149	250	T	S01 S02	
26	U150	250	T	S01 S02	
27	U151	250	T	S01 S02	
28	U152	250	T	S01 S02	
29	U153	250	T	S01 S02	
30	U154	250	T	S01 S02	
31	U155	250	T	S01 S02	
32	U156	250	T	S01 S02	
33	U157	250	T	S01 S02	
34	U158	250	T	S01 S02	
35	U159	250	T	S01 S02	
36	U160	250	T	S01 S02	
37	U161	250	T	S01 S02	
38	U162	250	T	S01 S02	
39	U163	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code) EPA	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U164	250	T	S01 S02	
2	U165	250	T	S01 S02	
3	U166	250	T	S01 S02	
4	U167	250	T	S01 S02	
5	U168	250	T	S01 S02	
6	U169	250	T	S01 S02	
7	U170	250	T	S01 S02	
8	U171	250	T	S01 S02	
9	U172	250	T	S01 S02	
10	U173	250	T	S01 S02	
11	U174	250	T	S01 S02	
12	U176	250	T	S01 S02	
13	U177	250	T	S01 S02	
14	U178	250	T	S01 S02	
15	U179	250	T	S01 S02	
16	U180	250	T	S01 S02	
17	U181	250	T	S01 S02	
18	U182	250	T	S01 S02	
19	U183	250	T	S01 S02	
20	U184	250	T	S01 S02	
21	U185	250	T	S01 S02	
22	U186	250	T	S01 S02	
23	U187	250	T	S01 S02	
24	U188	250	T	S01 S02	
25	U189	250	T	S01 S02	
26	U190	250	T	S01 S02	
27	U191	250	T	S01 S02	
28	U192	250	T	S01 S02	
29	U193	250	T	S01 S02	
30	U194	250	T	S01 S02	
31	U196	250	T	S01 S02	
32	U197	250	T	S01 S02	
33	U200	250	T	S01 S02	
34	U201	250	T	S01 S02	
35	U202	250	T	S01 S02	
36	U203	250	T	S01 S02	
37	U204	250	T	S01 S02	
38	U205	250	T	S01 S02	
39	U206	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U207	250	T	S01 S02	
2	U208	250	T	S01 S02	
3	U209	250	T	S01 S02	
4	U210	250	T	S01 S02	
5	U211	250	T	S01 S02	
6	U213	250	T	S01 S02	
7	U214	250	T	S01 S02	
8	U215	250	T	S01 S02	
9	U216	250	T	S01 S02	
10	U217	250	T	S01 S02	
11	U218	250	T	S01 S02	
12	U219	250	T	S01 S02	
13	U220	250	T	S01 S02	
14	U221	250	T	S01 S02	
15	U222	250	T	S01 S02	
16	U223	250	T	S01 S02	
17	U225	250	T	S01 S02	
18	U226	250	T	S01 S02	
19	U227	250	T	S01 S02	
20	U228	250	T	S01 S02	
21	U234	250	T	S01 S02	
22	U235	250	T	S01 S02	
23	U236	250	T	S01 S02	
24	U237	250	T	S01 S02	
25	U238	250	T	S01 S02	
26	U239	250	T	S01 S02	
27	U240	250	T	S01 S02	
28	U243	250	T	S01 S02	
29	U244	250	T	S01 S02	
30	U246	250	T	S01 S02	
31	U247	250	T	S01 S02	
32	U248	250	T	S01 S02	
33	U249	250	T	S01 S02	
34	U271	250	T	S01 S02	
35	U277	250	T	S01 S02	
36	U278	250	T	S01 S02	
37	U279	250	T	S01 S02	
38	U280	250	T	S01 S02	
39	U328	250	T	S01 S02	

10. Description of Hazardous Waste (Continued; additional sheet)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U353	250	T	S01 S02	
2	U359	250	T	S01 S02	
3	U364	250	T	S01 S02	
4	U365	250	T	S01 S02	
5	U366	250	T	S01 S02	
6	U367	250	T	S01 S02	
7	U372	250	T	S01 S02	
8	U373	250	T	S01 S02	
9	U375	250	T	S01 S02	
10	U376	250	T	S01 S02	
11	U377	250	T	S01 S02	
12	U378	250	T	S01 S02	
13	U379	250	T	S01 S02	
14	U381	250	T	S01 S02	
15	U382	250	T	S01 S02	
16	U383	250	T	S01 S02	
17	U384	250	T	S01 S02	
18	U385	250	T	S01 S02	
19	U386	250	T	S01 S02	
20	U387	250	T	S01 S02	
21	U389	250	T	S01 S02	
22	U390	250	T	S01 S02	
23	U391	250	T	S01 S02	
24	U392	250	T	S01 S02	
25	U393	250	T	S01 S02	
26	U394	250	T	S01 S02	
27	U395	250	T	S01 S02	
28	U396	250	T	S01 S02	
29	U400	250	T	S01 S02	
30	U401	250	T	S01 S02	
31	U402	250	T	S01 S02	
32	U403	250	T	S01 S02	
33	U404	250	T	S01 S02	
34	U407	250	T	S01 S02	
35	U409	250	T	S01 S02	
36	U410	250	T	S01 S02	
37	U411	250	T	S01 S02	
38					
39					

11. Map (See instructions on pages 19)

Attach to this application a topographic map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

12. Facility Drawing (See instructions on page 20)

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

13. Photographs (See instructions on page 20)

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

14. Comments (See instructions on page 20)

There are no other permits or construction approvals received or applied for under any other federal program per 40 CFR 270.13(k).

TABLE OF CONTENTS

List of Figures

List of Referenced Figures or Drawings

Figures or Drawings Located in Section Y

Figure B.1, Site Location Map
Figure B.2, Topographic Map
Figure B.3, Wichita Facility Site Plan
Figure B.3A, Figure-3A, Facility Site Plan with Stormwater Flow Directions and FEMA information
Figure B.4, Hazardous Waste Management Areas
Figure B.5, Monthly Surface Wind Rose - Wichita Mid-Continent Airport
Figure 3, Groundwater contour map of Upper Zone Showing Groundwater monitoring well location

Acronym Table

Clean Harbors Kansas, LLC (CHK)
United States Environmental Protection Agency (USEPA)
Resource Conservation and Recovery Act (RCRA)
Kansas Administrative Regulations (KAR)
Code of Federal Regulations (CFR)
Mean Sea Level (MSL)
National Oceanic and Atmospheric Administration (NOAA)
Average Daily Traffic (ADT)

B-1 Introduction:

The Clean Harbors Kansas, LLC facility is located in Wichita, Kansas. The facility stores and, treats RCRA hazardous and nonhazardous wastes. Clean Harbors Kansas, LLC also stores, and otherwise manages RCRA hazardous and nonhazardous wastes sludges, solids, and liquids for subsequent shipment to other United States Environmental Protection Agency (USEPA) permitted (or interim status) facilities for distillation, beneficial reuse, or disposal. Hazardous waste management at the facility includes, but is not limited to, fuel blending for energy recovery, accumulation of materials for reclamation, accumulation for hazardous waste landfill disposal, accumulation of low BTU liquids for deepwell injection, repackaging for incineration, and storage of industrial waste waters for subsequent discharge. Storage occurs in both containers and tanks. The facility operates under the requirements of the Resource Conservation and Recovery Act (RCRA) and the Kansas Hazardous Waste Management Act as set forth in Kansas Administrative Regulations (KAR), Title 28, Article 31. The KAR incorporate, with few additions, the RCRA regulations contained in 40 CFR 260 through 270. Therefore, this section will refer only to the federal regulations.

This section discusses facility location, location information, facility layout, traffic information, and general facility process unit description as required by the Code of Federal

Regulations (CFR); i.e., 40 CFR 270.14(b)(1), (10), (11) and (19). A map showing topographic detail as required by 40 CFR 270.14(b)(19) is also presented in this section.

A topographic map showing well locations required under 40 CFR 270.14(c)(3) is included in this section as map B-2. More specific information on the facility design and operation is presented in subsequent application sections C through N.

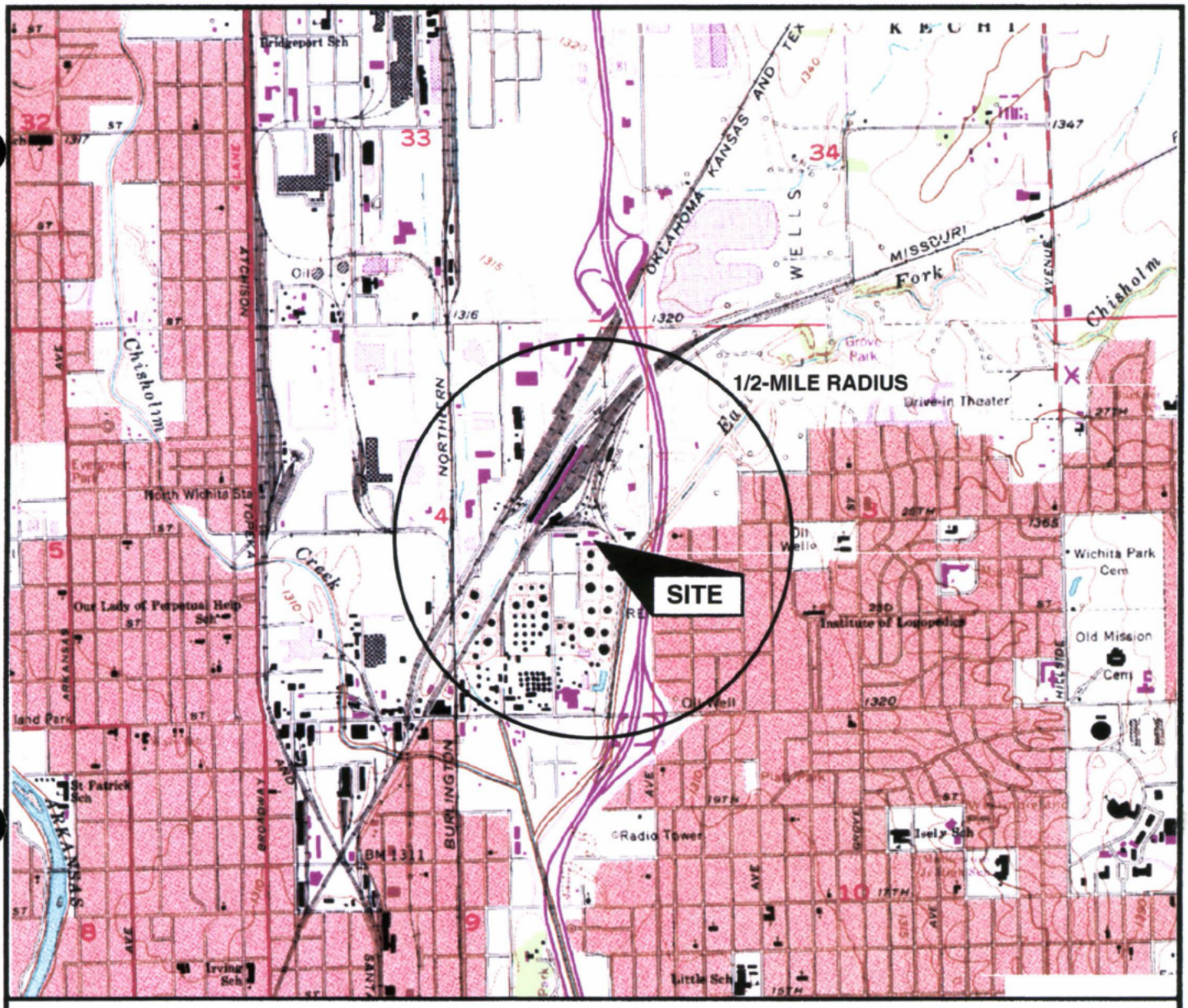
B-2 Facility Location:

Figure B.1, Site Location Map (Figure B-1, Updated April 2008) shows the location of the facility; the facility is located at 2549 North New York Avenue in Wichita, Kansas. This address is in the Northeast quarter of the Southeast quarter of Section 4, Township 27 South, Range 1 East. The facility is located in Sedgwick County (Sedgwick County population 403,662, 1990 census). The facility is located in an industrial area of Wichita; the population of Wichita was approximately 360,410 (estimated) as of 2006 (Greater Wichita Economic Development Coalition[1]).

The facility and the surrounding area are shown on Figure B.2, Topographic Map (Figure B-2, Updated April 2008); facility information is superimposed on a topographic base map with contour intervals of two (2) feet as required by 40 CFR 270.14(b)(19). The map/drawing is based on a topographic map generated in April of 2008 and includes areas within 1,000 feet of the facility. The facility is located approximately at north latitude 37°43'49" and west longitude 97°19'11". The area that includes the process plant area and hazardous waste storage areas for tanks and containers make up the active portion of the facility. The facility boundary, a distance of 2,640 feet around the facility boundary and the active portion of the facility are shown on Figure B.2.

Privately owned land abuts the facility on three sides: Union Pacific Railroad and Overnite Transportation own property to the north; the remains of Derby Refinery are located south of the facility; and land owned by Derby refinery adjoins the site to the west. New York Avenue is located to the east of the facility.

The administration and hazardous waste management areas as well as general facility layout, access control, and sewer lines are shown on Figure B.3, Facility Layout (Figure B-3, Wichita Facility Site Plan, Updated April 2008). The hazardous waste storage buildings and associated loading areas are shown on Figure B.4, Hazardous Waste Management Areas (Figure B-4, Updated 2008 Hazardous Waste Management Areas). The drawings generally show access roads and internal roadways, administration and process plant buildings, and hazardous waste management locations. The storage of ignitable and reactive wastes on-site is in compliance with the equipment buffer zone requirements as set forth in 40 CFR 264.176, and 264.198(b). Specifics regarding container management and tank systems are presented in Sections D, E, and M (Use and Management of Containers, Tank Systems and Other Regulated Units).



KANSAS

SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

QUADRANGLE LOCATION

N

COORDINATES						
LONGITUDE: W 97° 19' 11"	A	RCRA PART B PERMIT	CJM	CJM	CJM	5/08
LATITUDE: N 37° 43' 49"	ISSUE	DESCRIPTION	DRWN	CHKD	APPR	DATE

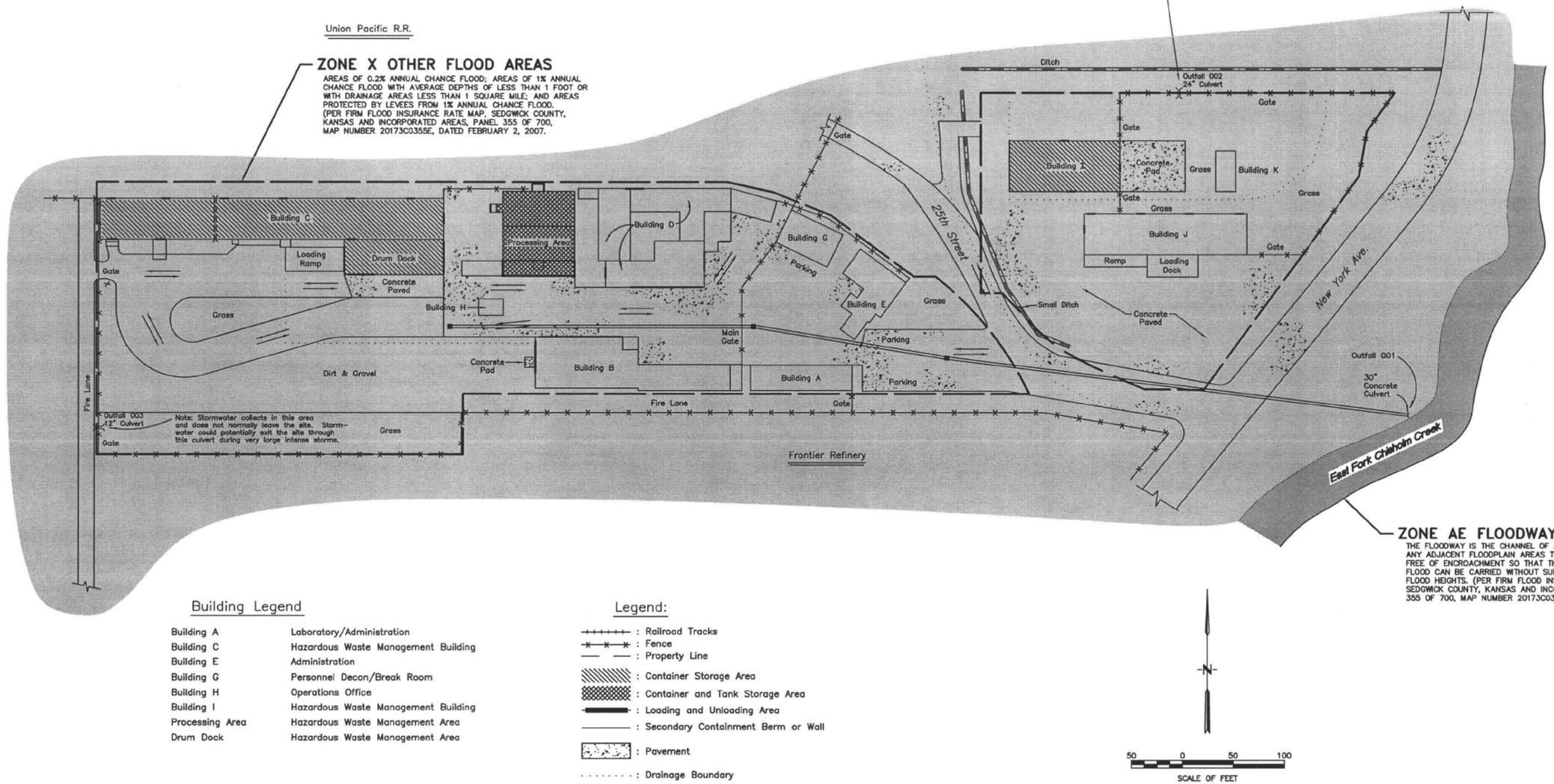
BASE MAP: USGS TOPOGRAPHIC MAP PRINTED FROM TOPO! © 1998 WILDFLOWER PRODUCTIONS

CleanHarbors
Environmental Services®
42 Longwater Drive
Norwell, Massachusetts 02061

CLEAN HARBORS KANSAS, LLC
2549 N. NEW YORK STREET
WICHITA, KS 67219

SITE LOCATION MAP

JOB NO.: WHFACGEN08	DWG. NO. FIGURE B-1
SCALE: AS SHOWN	



Building Legend

Building A	Laboratory/Administration
Building C	Hazardous Waste Management Building
Building E	Administration
Building G	Personnel Decon/Break Room
Building H	Operations Office
Building I	Hazardous Waste Management Building
Processing Area	Hazardous Waste Management Area
Drum Dock	Hazardous Waste Management Area

Legend:

- : Railroad Tracks
- : Fence
- : Property Line
- : Container Storage Area
- : Container and Tank Storage Area
- : Loading and Unloading Area
- : Secondary Containment Berm or Wall
- : Pavement
- : Drainage Boundary
- : Storm Drain Catch Basins
- : Underground Storm Sewer Line
- : Truck Routes

FIGURE B-3

REV.	DESCRIPTION	DRAWN BY	DATE	APPR. BY
D	RCRA PART B SUBMITTAL UPDATE	K.M.C.	9/3/10	S.A.B.
C	RCRA PART B SUBMITTAL UPDATE – ADDED FLOOD ZONES	K.M.C.	4/3/09	M.C.
B	RCRA PART B SUBMITTAL UPDATE	K.M.C.	3/27/09	M.C.
A	RCRA PART B SUBMITTAL	K.M.C.	6/20/08	M.C.

REFERENCE DRAWINGS

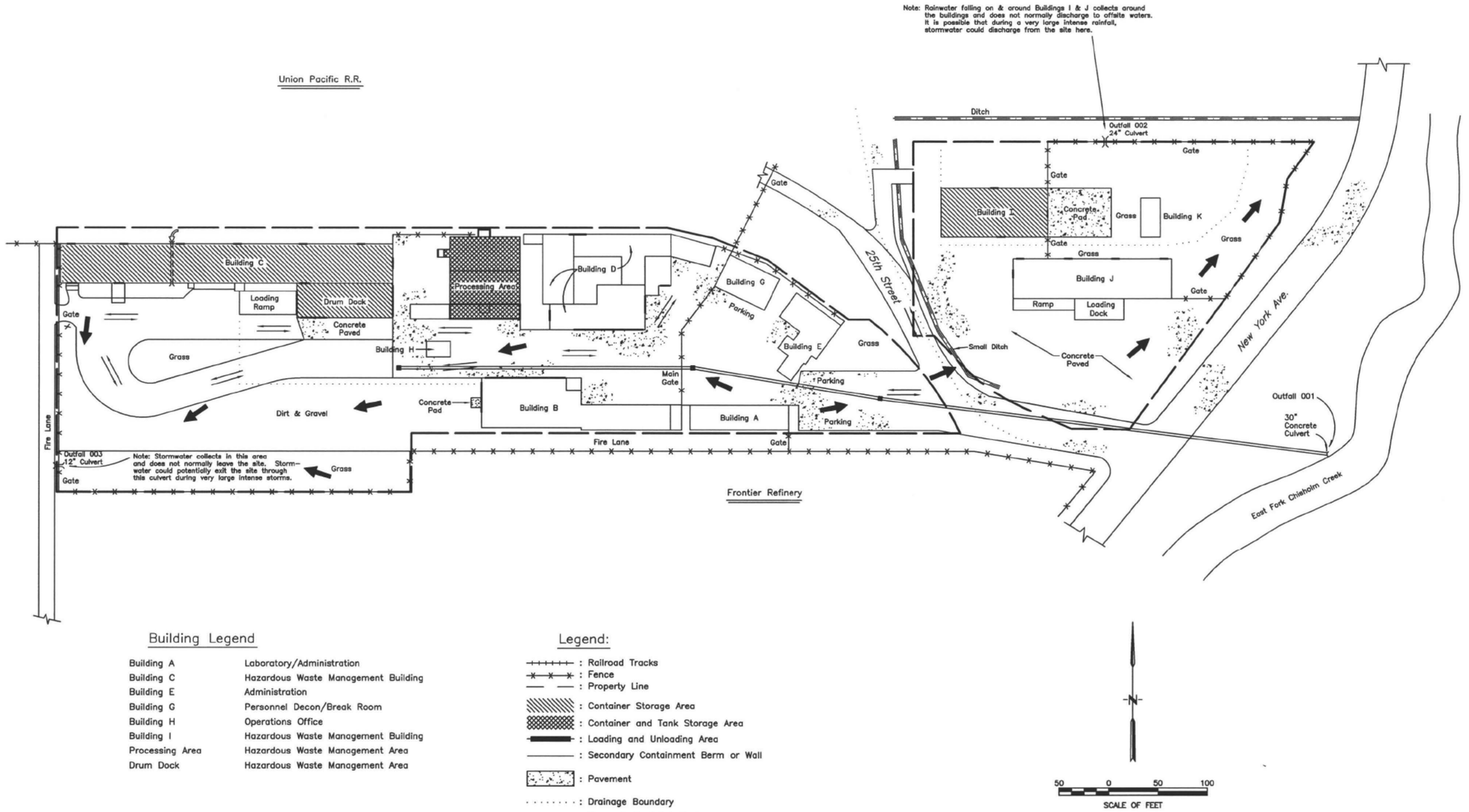
CleanHarbors

DRAWN	CHECKED	SCALE	DATE
K.M.C.	M.C.	AS NOTED	04/01/08

TITLE: CLEAN HARBORS KANSAS, LLC
WICHITA FACILITY
SITE PLAN

DRAWING NO.: WICHSITE

REV.: D



Building Legend

Building A	Laboratory/Administration
Building C	Hazardous Waste Management Building
Building E	Administration
Building G	Personnel Decon/Break Room
Building H	Operations Office
Building I	Hazardous Waste Management Building
Processing Area	Hazardous Waste Management Area
Drum Dock	Hazardous Waste Management Area

Legend:

- : Railroad Tracks
- : Fence
- : Property Line
- : Container Storage Area
- : Container and Tank Storage Area
- : Loading and Unloading Area
- : Secondary Containment Berm or Wall
- : Pavement
- : Drainage Boundary
- : Storm Drain Catch Basins
- : Underground Storm Sewer Line
- : Truck Routes
- : Stormwater Flow Directions

FIGURE B-3A

REV.	DESCRIPTION	DRAWN BY	DATE	APPR. BY
C	RCRA PART B SUBMITTAL UPDATE	K.M.C.	9/3/10	S.A.B.
B	RCRA PART B SUBMITTAL UPDATE	K.M.C.	3/27/09	M.C.
A	RCRA PART B SUBMITTAL	K.M.C.	6/20/08	M.C.

REFERENCE DRAWINGS

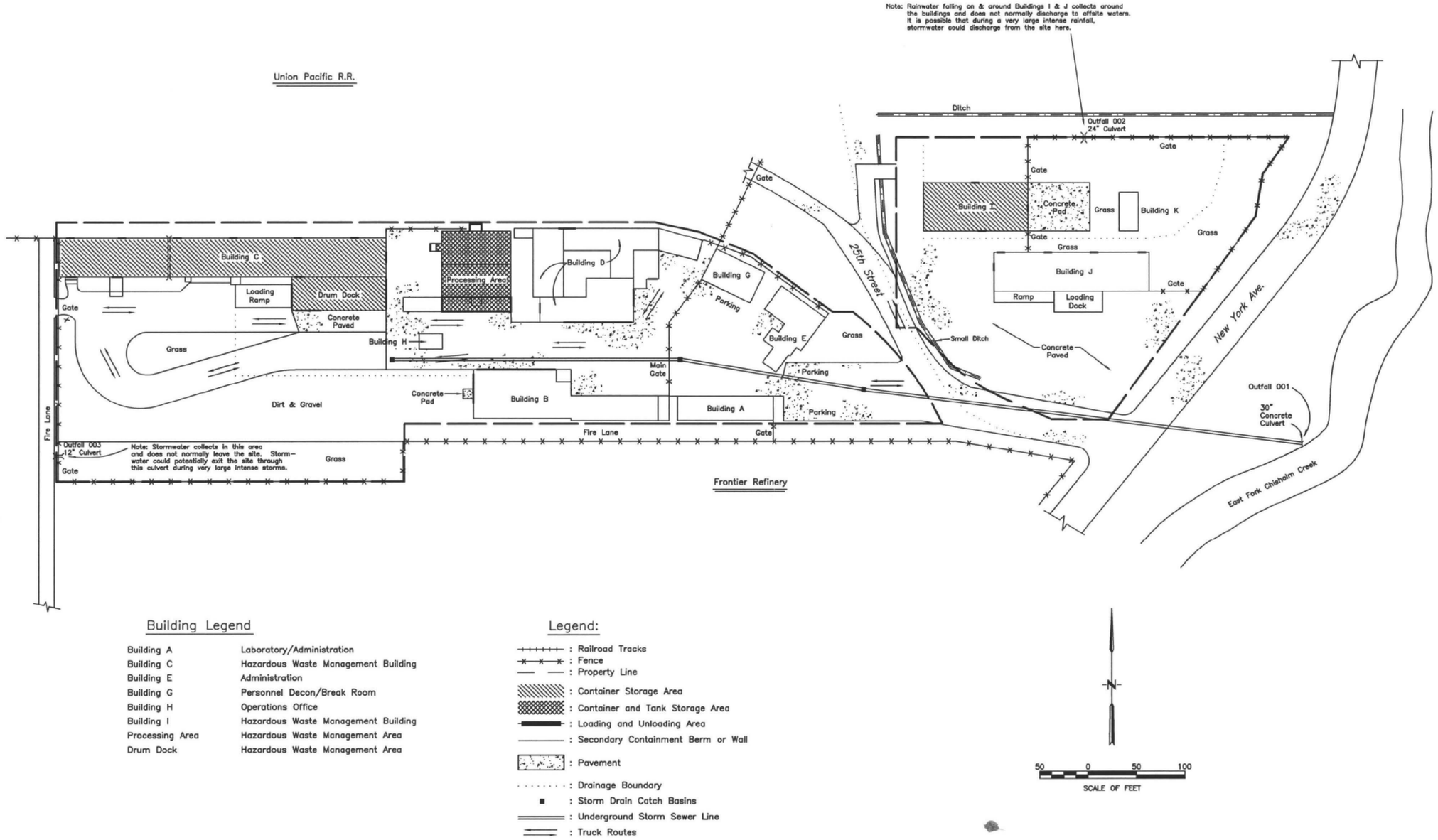
CleanHarbors

TITLE
CLEAN HARBORS KANSAS, LLC
WICHITA FACILITY
SITE PLAN
STORMWATER FLOW DIRECTIONS

DRAWN	CHECKED	SCALE	DATE
K.M.C.	M.C.	AS NOTED	04/01/08

DRAWING NO. WICHSITE

REV. C



Building Legend

Building A	Laboratory/Administration
Building C	Hazardous Waste Management Building
Building E	Administration
Building G	Personnel Decon/Break Room
Building H	Operations Office
Building I	Hazardous Waste Management Building
Processing Area	Hazardous Waste Management Area
Drum Dock	Hazardous Waste Management Area

Legend:

- : Railroad Tracks
- : Fence
- : Property Line
- : Container Storage Area
- : Container and Tank Storage Area
- : Loading and Unloading Area
- : Secondary Containment Berm or Wall
- : Pavement
- : Drainage Boundary
- : Storm Drain Catch Basins
- : Underground Storm Sewer Line
- : Truck Routes

FIGURE B-4

REV.	DESCRIPTION	DRAWN BY	DATE	APPR. BY
C	RCRA PART B SUBMITTAL UPDATE	K.M.C.	9/3/10	S.A.B.
B	RCRA PART B SUBMITTAL UPDATE	K.M.C.	3/27/09	M.C.
A	RCRA PART B SUBMITTAL	K.M.C.	6/20/08	M.C.

REFERENCE DRAWINGS

CleanHarbors

TITLE
CLEAN HARBORS KANSAS, LLC
WICHITA FACILITY
HAZARDOUS WASTE MANAGEMENT AREAS

DRAWN	CHECKED	SCALE	DATE
K.M.C.	M.C.	AS NOTED	04/01/08

DRAWING NO. HWMA

REV. C

B-3 Location Information:

B-3a Physiography, Geology and Land Use:

Sedgwick County is situated in the Arkansas River Lowlands section of the Central Lowlands physiographic province[2]. The facility is located in an area of very low topographic relief; elevation on site is about 1315 feet above MSL. The extreme flatness of the broad Arkansas River valley and gently rolling slopes provide the low relief of the vicinity.

In summary, the soil is developed on recent and old alluvial sediments of the Elandco and Tabler formations[3]. These sandy and clayey alluvial deposits are underlain by Wellington shale. Approximately 10 feet of alluvial clay with fine sand overlies approximately 30 feet of alluvial sand. Ground water source in the area is from permeable sands in the alluvial deposits; this ground water aquifer has transmissivities up to 250,000 gallons per day per foot. The water table in the vicinity, as reported in the RCRA Facility Investigation (RFI) Report, Clean Harbors Kansas, LLC (January 20, 2003), is approximately 1300 feet above Mean Sea Level MSL)[4].

The surrounding land is generally used for industrial purposes: land use to the south and west

is by Derby Refinery, to the north by Union Pacific Railroad and Overnite Transportation, with highway I-135 to the east.

Past land use of the facility property has included light to medium industrial activities since approximately 1940. The majority of precipitation occurs during the period between April and September. The average precipitation is thirty (30.38) inches per year; the average seasonal snowfall is fifteen (16.5) inches. The heaviest one day rainfall recorded for Wichita was 7.99 inches on September 6-7, 1911 (National Weather Service, Weather forecast Office, Wichita, KS: www.crh.noaa.gov)[6]. The 25-year, 24-hour precipitation event is 6.2 inches as determined from "Technical Paper No. 40, Rainfall Frequency Atlas of the United States" (US Dept. of Commerce)[5].

B-3b **Climate:**

Wichita, Kansas is located in the Central Great Plains where a wide variety of weather conditions may occur year round. Mixing of warm, moist, Gulf coast air masses with cold, dry Arctic air masses can result in severe storms and rapid changes in weather conditions. Climatological information is based on National Oceanic and Atmospheric Administration (NOAA) data.

Temperature extremes from minus 22 degrees to 114 degrees Fahrenheit have been recorded in Wichita; however, temperatures below zero occur much less frequently than temperatures above 90 degrees Fahrenheit. The average relative humidity ranges from 55 percent in the afternoon to 80 percent at dawn. The average daily maximum temperature in summer is ninety-one degrees (91°F). The highest recorded temperature was 114°F (July 1954). The average daily minimum temperature in winter is twenty-three degrees (23°F). The lowest temperature on record was minus twenty-one degrees (-21°F) in February of 1982[6]. Prevailing winds are from the south; the most severe thunderstorms occur mainly during the spring and early summer. The highest, one-minute observed wind speed recorded was forty-eight (48) mph[5]. Figure B.5 consists of twelve (120 monthly wind roses for the Wichita area (Monthly Surface Wind Rose, Wichita Mid-Continent Airport) shows the prevailing wind direction and speed measured in Wichita, Kansas.

B-3c **Surface Water Drainage:**

Surface water drainage is in two directions; most surface water on the site drains to the east branch of Chisholm Creek located east of the facility, although some surface water drains to the southwest into Chisholm Creek. The east branch of Chisholm Creek is the closest surface water body to the site and is located about 150 feet east of the property. The west fork of Chisholm Creek is located about 2000 feet west of the site. These streams discharge into the

Arkansas River about three miles south of the site. Surface water flow is shown on Figure B-3A, (Figure-3A, Facility Site Plan, Stormwater Flow Directions).

B-3d **Floodplain: 40 CFR 270.14(b)(11)(iii)**

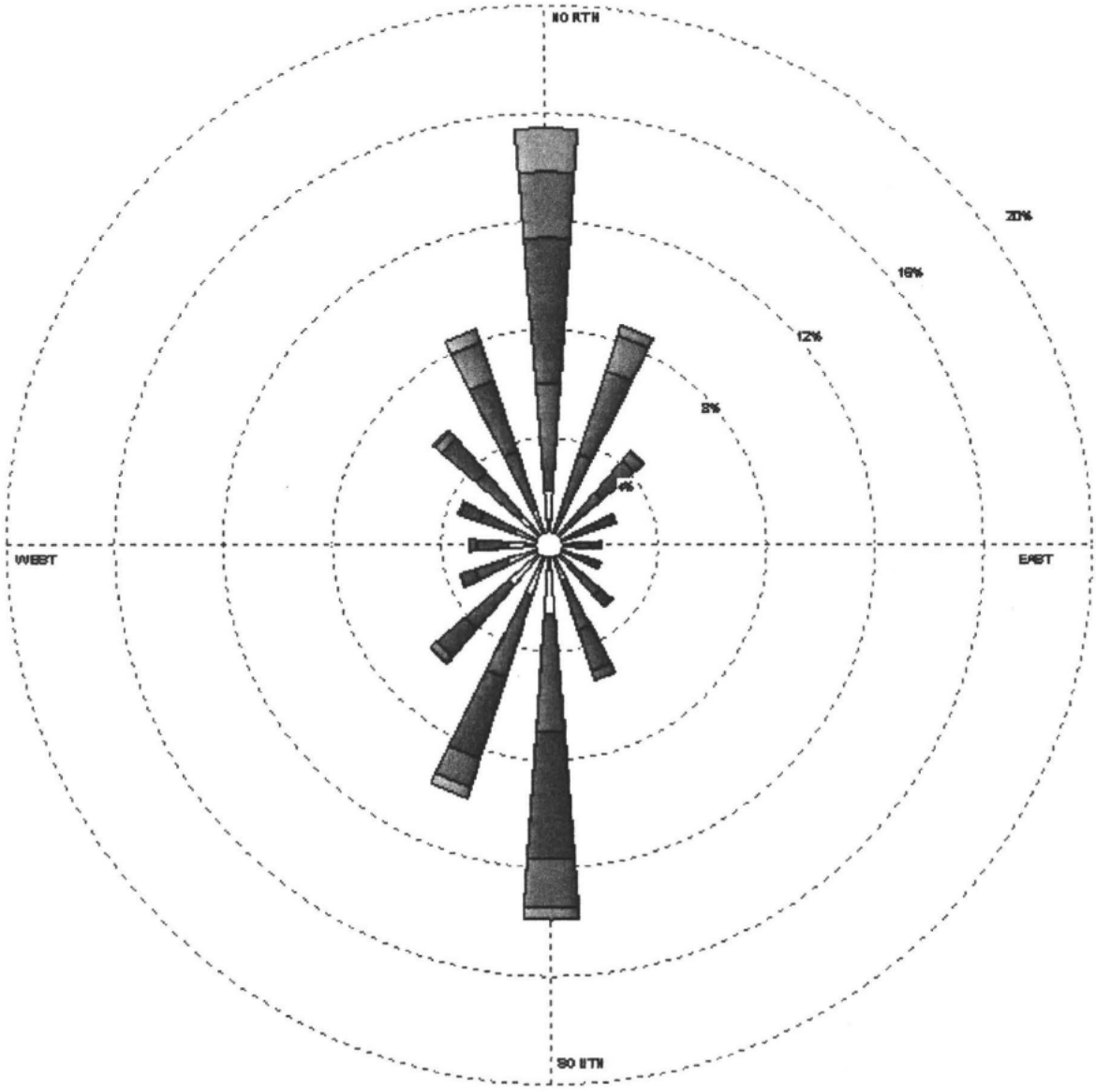
A Flood Hazard Boundary Map prepared by the US Department of Housing and Urban Development, Federal Insurance Administration, for Sedgwick County, Kansas was reviewed pursuant to 40 CFR 270.14(b)(11)(iii). The facility boundary is not within the 100 year floodplain. Therefore, the requirements of 40 CFR 264.18(b) are not applicable. Please refer to Figure B-3A FEMA Floodplain regions.

B-3e **Seismicity: 40 CFR 270.14(b)(11)(i)and(ii)**

The CHK facility is located in Sedgwick County, Kansas. No areas in Kansas are listed in Appendix VI of 40 CFR, Part 264, as needing seismic consideration. The facility is not located in a seismic hazard zone, therefore, the requirements of 40 CFR 264.18(a) are not applicable.

WIND ROSE PLOT

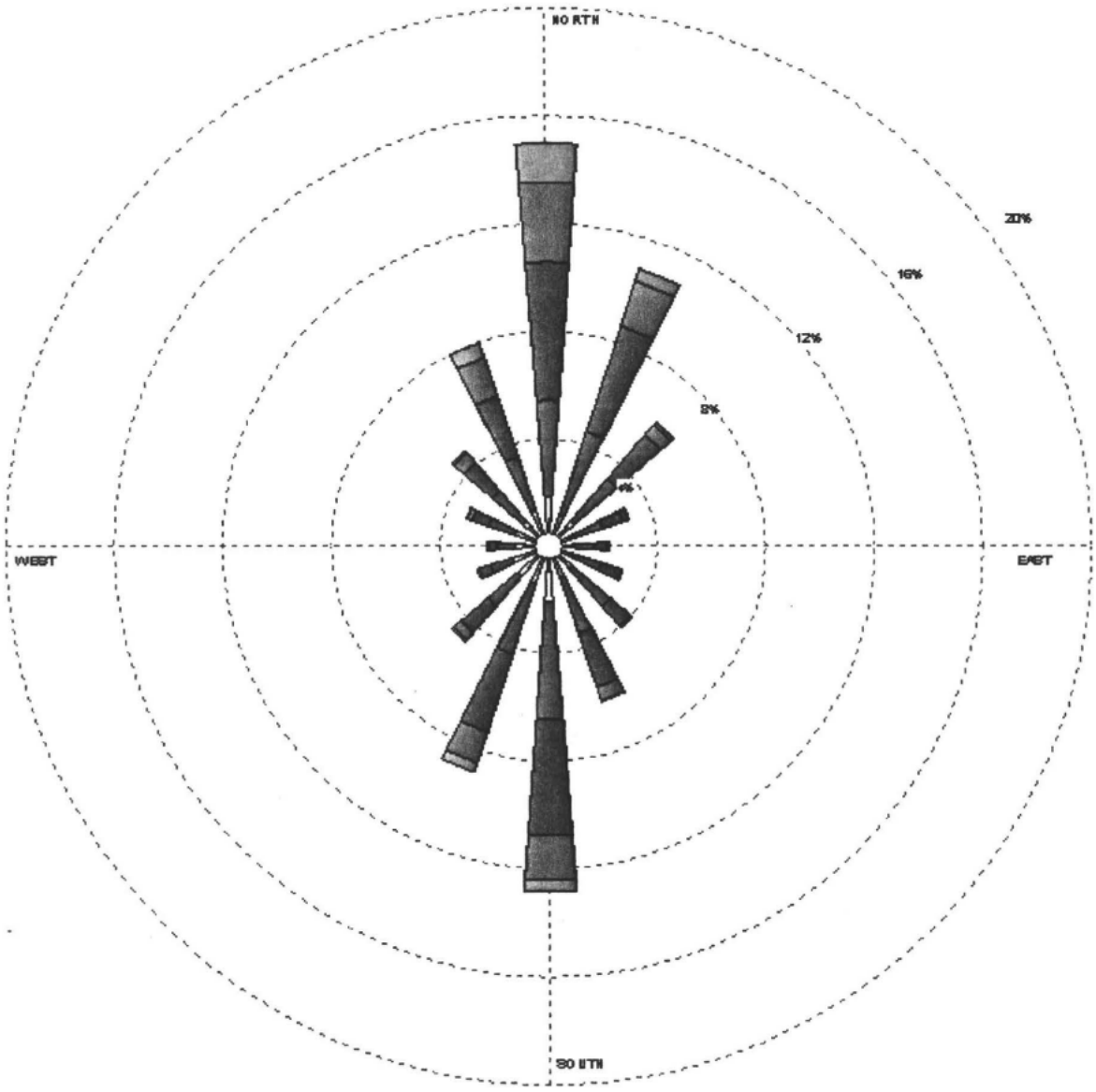
Station #03928 - WICHITA/MID-CONTINENT AR PT, KS



Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.51 m/s	CALM WINDS 2.66%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Jan 1 - Jan 31 Midnight - 11 PM	

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



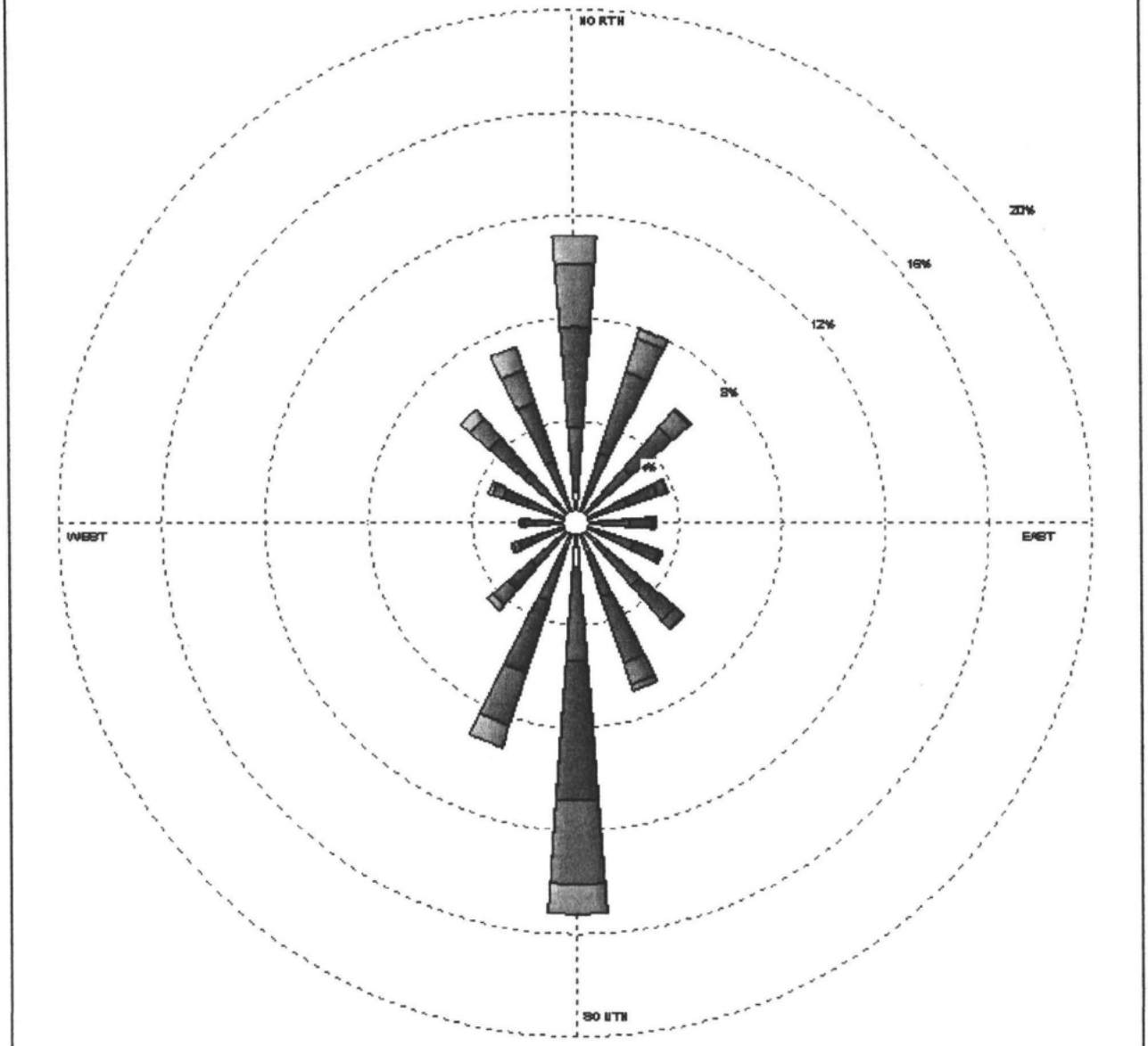
Wind Speed (m/s)

- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
DISPLAY Wind Speed	UNIT m/s	COMMENTS
AVG. WIND SPEED 5.69 m/s	CALM WINDS 2.42%	
ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Feb 1 - Feb 29 Midnight - 11 PM	

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AR PT, KS

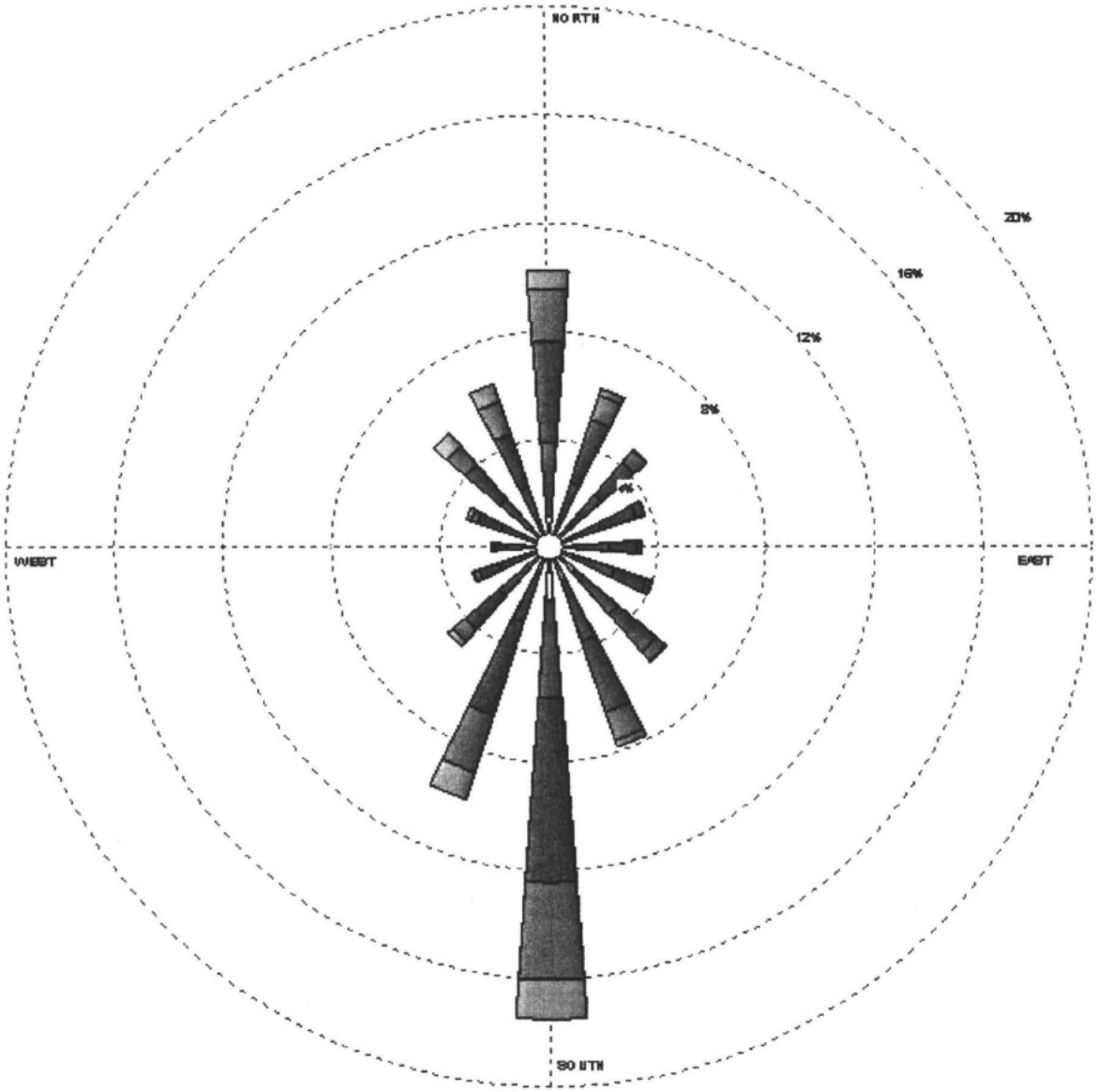


Wind Speed (m/s)	MODELER	DATE	COMPANY NAME
> 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	Sara West	8/28/2002	USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 6.27 m/s	CALM WINDS 1.59%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Mar 1 - Mar 31 Midnight - 11 PM	

WRPLOT View 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



Wind Speed (m/s)

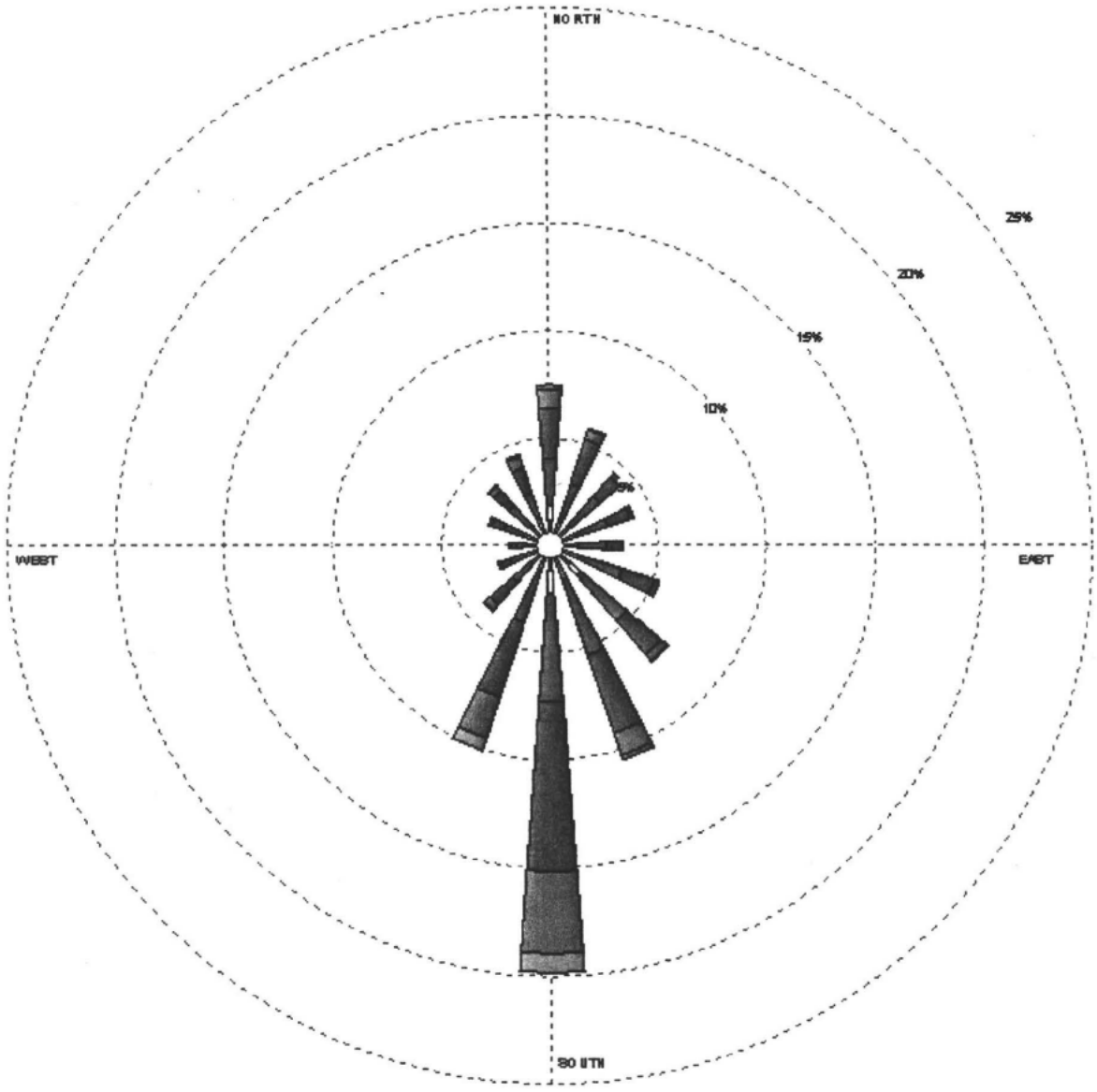
- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER	DATE	COMPANY NAME
Sara West	8/28/2002	USDA-ARS
DISPLAY	**UNIT**	**COMMENTS**
Wind Speed	m/s	
AVG. WIND SPEED	**CALM WINDS**	
6.23 m/s	1.55%	
ORIENTATION	**PLOT YEAR-DATE-TIME**	
Direction (blowing from)	1961 Apr 1 - Apr 30 Midnight - 11 PM	

MRR Dr. Rose 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

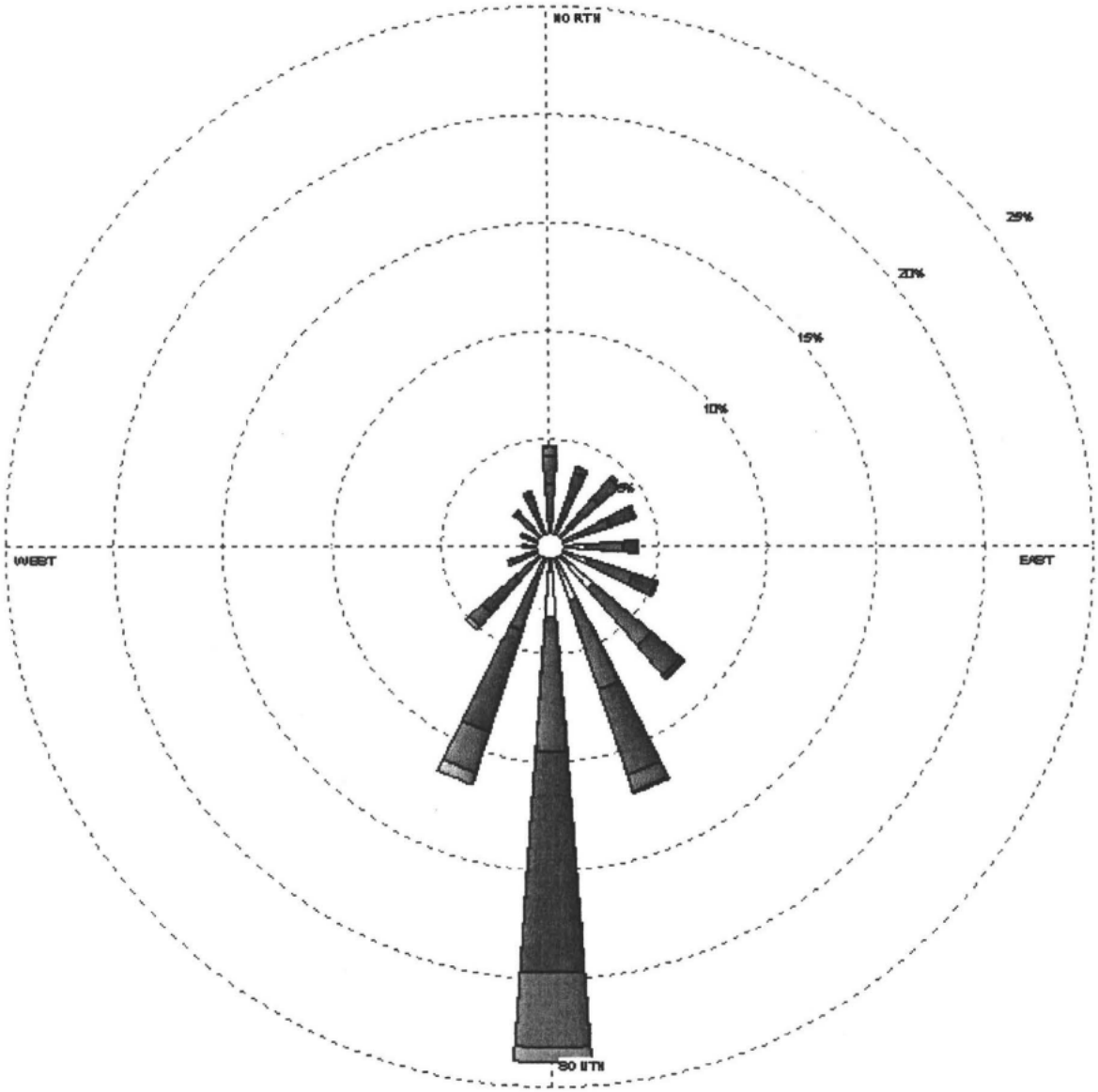
Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.53 m/s	CALM WINDS 2.21%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 May 1 - May 31 Midnight - 11 PM	

WIND ROSE PLOT

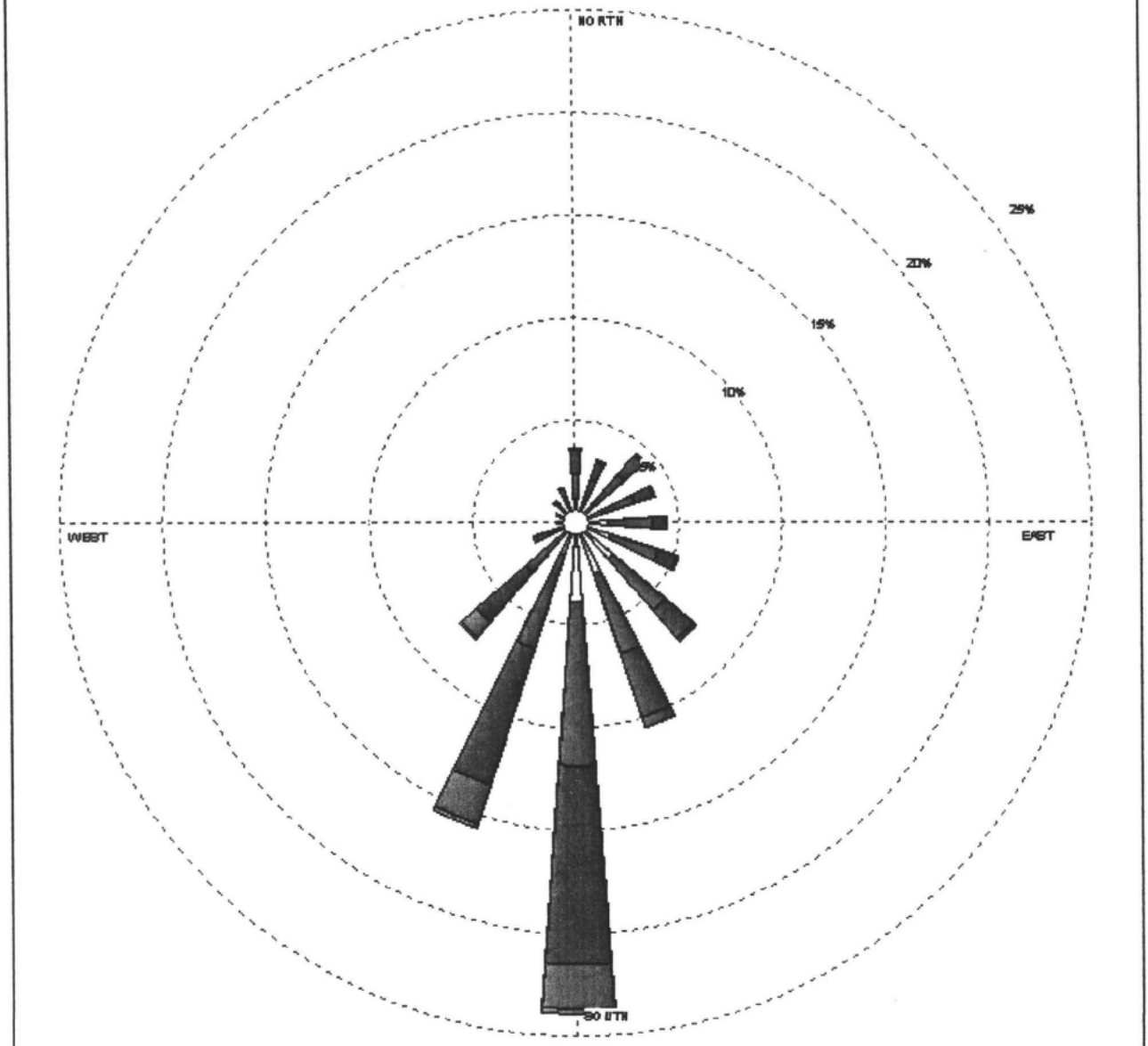
Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.37 m/s	CALM WINDS 3.10%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Jun 1 - Jun 30 Midnight - 11 PM	

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



Wind Speed (m/s)

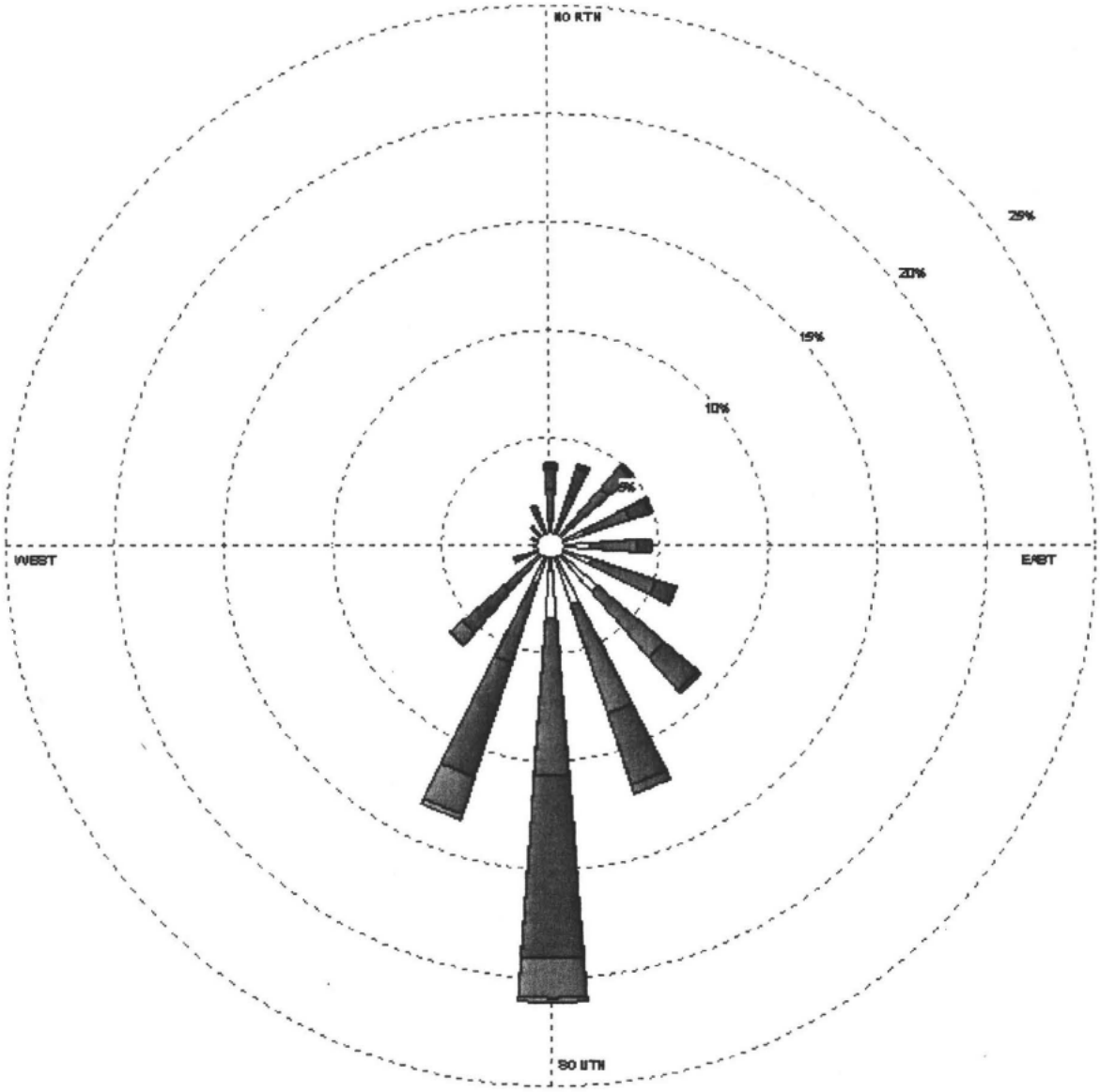
- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER	DATE	COMPANY NAME
Sara West	8/28/2002	USDA-ARS
DISPLAY	**UNIT**	**COMMENTS**
Wind Speed	m/s	
AVG. WIND SPEED	**CALM WINDS**	
5.16 m/s	2.26%	
ORIENTATION	**PLOT YEAR-DATE-TIME**	
Direction (blowing from)	1961 Jul 1 - Jul 31 Midnight - 11 PM	

MAPX 07 Ver 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS

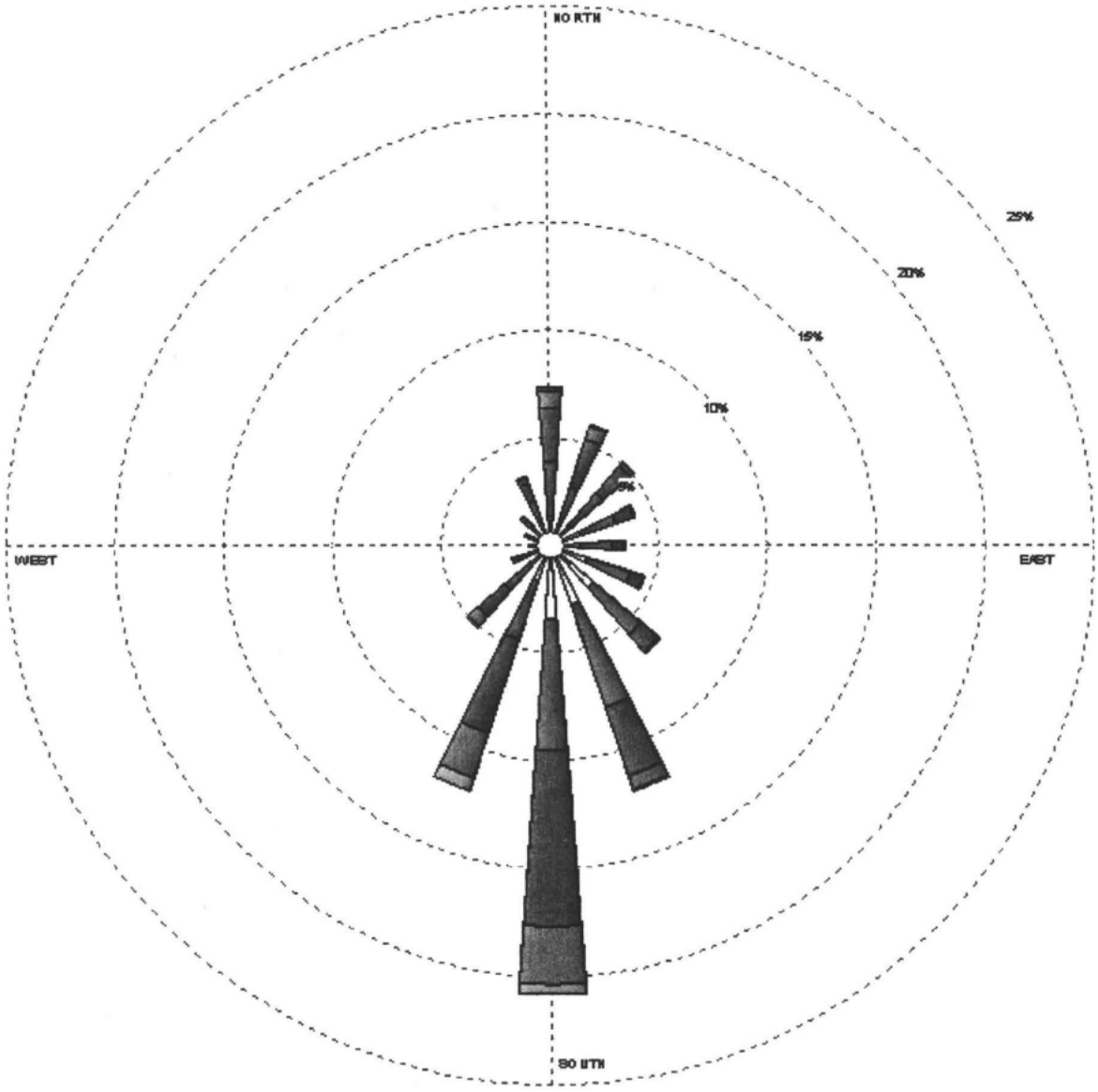


Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.00 m/s	CALM WINDS 2.87%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Aug 1 - Aug 31 Midnight - 11 PM	

MAPX 07 Rose 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS

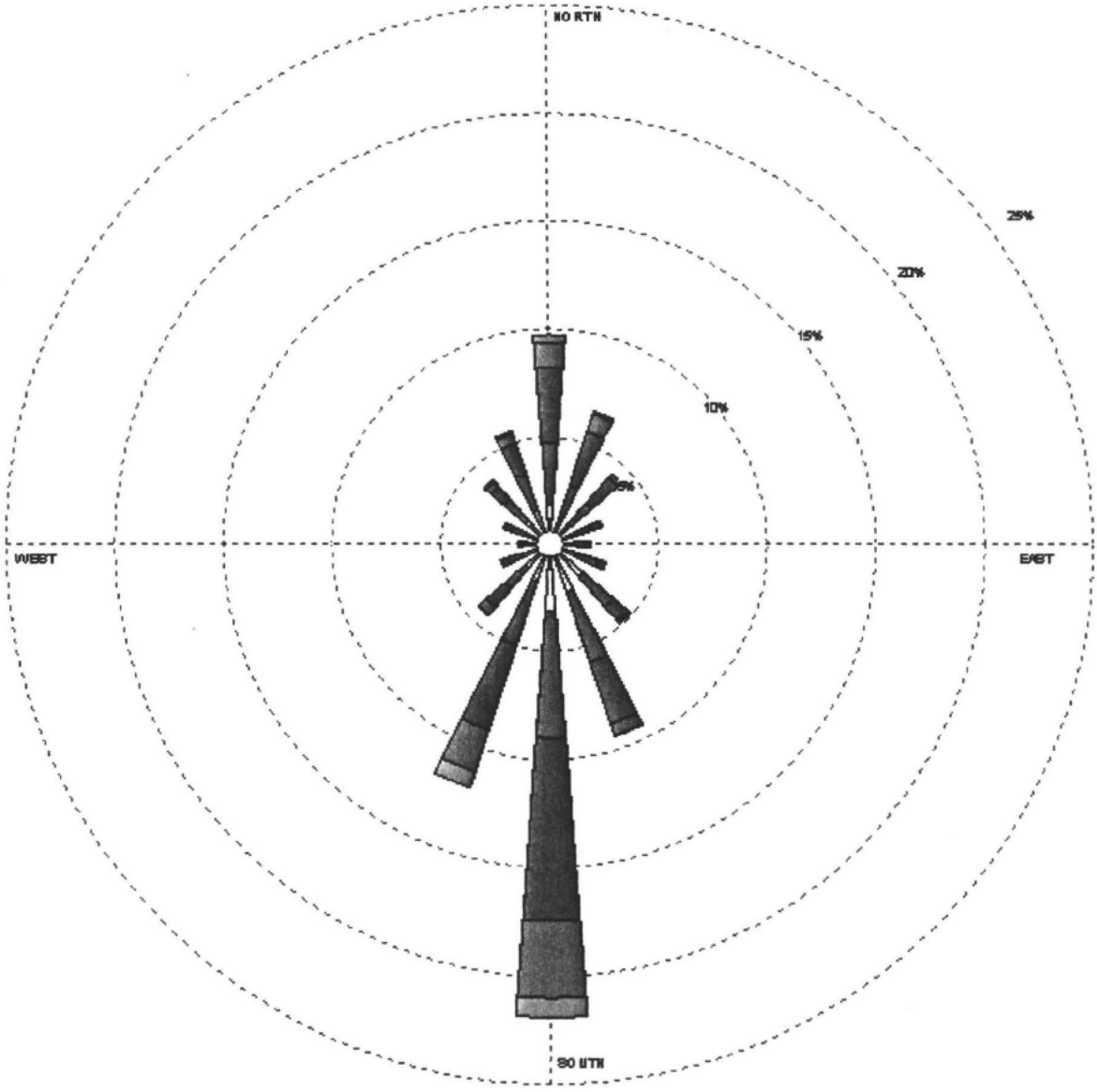


Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.22 m/s	CALM WINDS 3.54%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Sep 1 - Sep 30 Midnight - 11 PM	

MAPX 07 Rev 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS



Wind Speed (m/s)

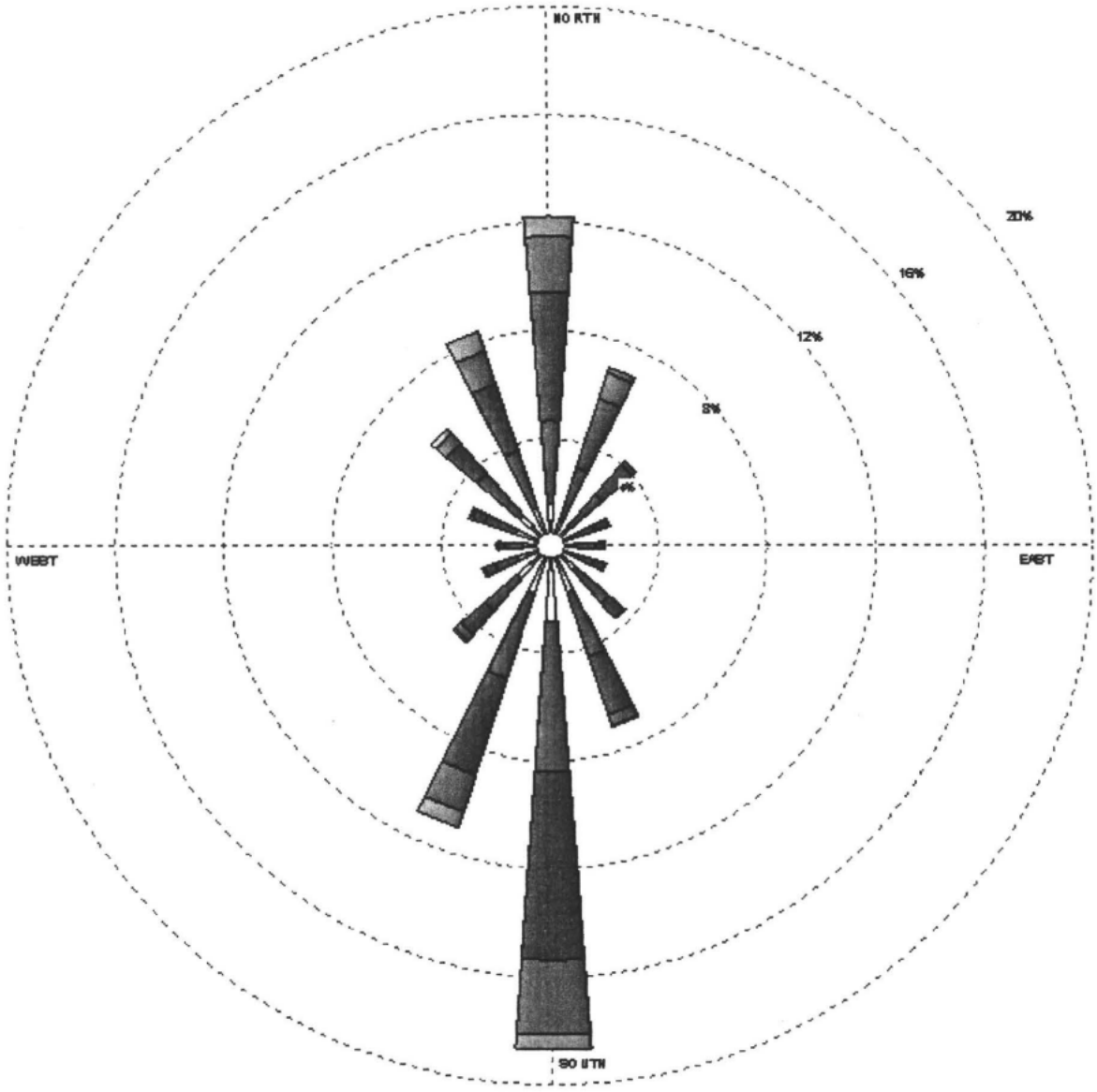
- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER Sara West		DATE 8/28/2002	COMPANY NAME USDA-ARS
DISPLAY Wind Speed		UNIT m/s	COMMENTS
AVG. WIND SPEED 5.41 m/s		CALM WINDS 4.07%	
ORIENTATION Direction (blowing from)		PLOT YEAR-DATE-TIME 1961 Oct 1 - Oct 31 Midnight - 11 PM	

MRR (V. Rev 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS

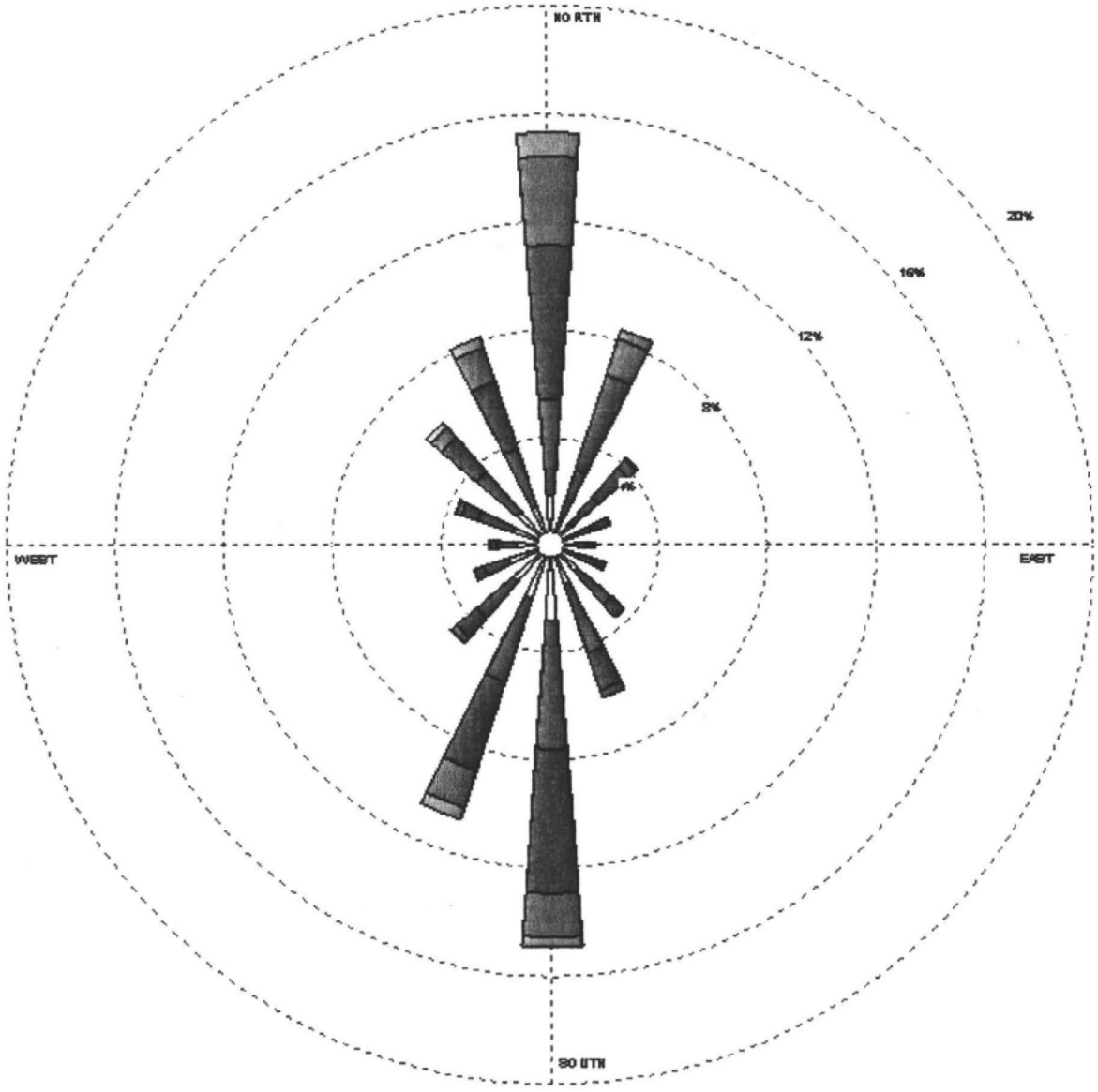


Wind Speed (m/s) > 11.06 8.49 - 11.06 5.40 - 8.49 3.34 - 5.40 1.80 - 3.34 0.51 - 1.80	MODELER Sara West	DATE 8/28/2002	COMPANY NAME USDA-ARS
	DISPLAY Wind Speed	UNIT m/s	COMMENTS
	AVG. WIND SPEED 5.55 m/s	CALM WINDS 3.07%	
	ORIENTATION Direction (blowing from)	PLOT YEAR-DATE-TIME 1961 Nov 1 - Nov 30 Midnight - 11 PM	

WRPLOT View 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WIND ROSE PLOT

Station #03928 - WICHITA/MID-CONTINENT AIRPT, KS



Wind Speed (m/s)

- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER	DATE	COMPANY NAME
Sara West	8/28/2002	USDA-ARS
DISPLAY	**UNIT**	**COMMENTS**
Wind Speed	m/s	
AVG. WIND SPEED	**CALM WINDS**	
5.50 m/s	2.63%	
ORIENTATION	**PLOT YEAR-DATE-TIME**	
Direction (blowing from)	1961 Dec 1 - Dec 31 Midnight - 11 PM	

B-4 Traffic Information: 40 CFR 270.14(b)(10)

B-4a Off-site Traffic:

Shipments of materials will be by truck or rail. It is expected that most truck shipments will access the facility from interstate highway I-135 using 21st Street North and New York Avenue. To handle rail shipments, a Union Pacific railroad siding is located along the north side of the facility. Figure B.1, Site Location Map (Figure B-1, Updated April 2008), shows these access routes. Local intersections are controlled by stop signs, and a traffic signal at I-135 and 21st Street.

Highway I-135 is a divided, six-lane, two-way, concrete interstate highway. The Average Daily Traffic (ADT) recorded by the Transportation Planning Division of the Kansas State Highway Department (KSHD) for this stretch of I-135 in 2007 was 86,200 vehicles south of the 21st Street interchange. Twenty-first (21st) Street is generally a four-lane, two-way thoroughfare; however, the roadway is split into a two-lane, one-way pair at the intersection with New York Avenue. The City of Wichita Traffic Engineers Office recorded in 2006, an ADT of 22,247 vehicles on 21st Street to the east of the I-135 interchange. New York Avenue is a low volume, industrial roadway consisting of two-lane, two-way traffic; no ADT is recorded.

Truck traffic into the facility may average up to approximately twenty (20) shipments of hazardous waste per week. Typical trucks accessing the facility will be tractor trailer rigs and straight trucks. The overall level of service on local streets and highways is not anticipated to be affected by facility traffic.

The facility is located in an industrial area of Wichita. The existing local streets and highways currently accommodate heavy vehicles carrying the maximum legal load.

B-4b **On-site Traffic and Load-Bearing Capacity:**

Enclosed tractor trailers, tanker trucks, dump trucks, dump trailers, or intermodal transport container trailers, etc., may be used to transport materials to, from, and within the facility. The roadway foundation is adequate to accommodate traffic consisting of truck and trailer combination vehicles. No bridges exist on-site.

The most active areas on-site are surfaced to minimize the generation of dust and reduce maintenance requirements. Where surfaced, roadways are composed of six inch, reinforced concrete construction with stabilized sub-soil. All other traffic areas are provided with surface gravel and are maintained as needed.

Vehicular traffic into the plant is controlled through gate entrances. The active portion of the facility is divided by a public right-of-way. On-site traffic, between the main portion of the facility and Buildings I and J, includes crossing the public right-of-way at a ninety degree angle. On-site traffic routing, alignment of facility roadways, and internal traffic patterns are shown on (Figure B-3, Wichita Facility Site Plan, Updated April 2008). Loading and unloading areas are shown on Figure B.4, Hazardous Waste Management Areas (Figure B-4, Hazardous Waste Management Areas).

B-5 Facility Security: 264.14 and 122.25(a)(4)

The facility security system is discussed in detail in Section G, Procedures to Prevent Hazards. Where required for security, the CHK facility is surrounded by a six foot chain link fence with gates (Figure B-3, Wichita Facility Site Plan, Updated April 2008). Personnel and vehicle access is controlled by an electronic system which is designed to prevent the unknowing entry, and minimize the unauthorized entry, of persons or livestock onto active portions of the facility. This system may be shut down for maintenance operations at which time security will be provided by facility personnel or locked gates. Note that fencing is not provided where buildings and building entrances provide a barrier to unauthorized entry. To meet the security requirements of 40 CFR 264.14 in areas without fencing or building walls/doors, 24 hour surveillance will be provided when required. In addition, employees are instructed to question and direct unauthorized visitors to the office should they try to enter the active portion of the facility.

Warning signs as required by 40 CFR 264.14 have been placed at each entrance and along the barrier to unauthorized entry surrounding the facility.

Inspection of the fence line and signs are included in the facility inspection plan (See Section F, Inspection Plan for additional details).

B-6 Facility Process Unit Description:

As required in 40 CFR 270.14(b)(1), the following is a general overview of the facility; additional details are provided in Section D (Use and Management of Containers), Section E (Tank Systems), and Section L (Solid Waste Management Units and Corrective Action). The hazardous waste management units at the facility include storage and treatment tanks, container management units, waste loading and unloading facilities and waste processing facilities. Typical sources of waste include automotive manufacturers, tire manufacturers, plating facilities, aircraft manufacturers, as well as the food processing, pharmaceutical, oil industries automotive repair shops, industrial maintenance operations, and other industrial sources

Prior to acceptance of a waste stream, the facility requires the generator to supply specific information about the waste. After a review of information supplied by the generator has been deemed completed and prior to waste receipt at the facility, CHK personnel determine the proposed management practices for the waste at the facility. Generators are then advised that their waste stream may be accepted or that management of the waste stream at CHK has been denied. The properties of incoming waste streams (i.e., shipments) from the generator are compared against the information supplied prior to shipment. For further details regarding waste receipt and analysis, refer to Section C (Waste Characterization).

Final and partial closure plans for the CHK facility are provided in Section J (Closure Plan). CHK maintains financial assurance for facility closure and insurance; details are described in Section K (Financial Requirements). Equipment (in hazardous waste service) removed for replacement during maintenance operations will be decontaminated and managed according to procedures similar to closure procedures as delineated in Section J.

B-6a **Process Area Description:**

A variety of hazardous waste management units are utilized for storage, treatment or to otherwise manage wastes at the CHK facility; e.g., container management units and tank systems. Section A (Part A Permit Application) lists storage buildings, and tanks utilized by Clean Harbors Kansas, LLC. Additional buildings, such as an administration building, personnel change rooms, laboratory, and etc., are also provided to support the various unit operations. Refer to Figure B.3, Facility Site Plan (Figure B-3, Wichita Facility Site Plan, Updated April 2008) for the general locations of these buildings.

The general locations of waste management areas are depicted on Figure B.4, Hazardous Waste Management Areas (Figure B-4, Hazardous Waste management Areas); flow of wastes between units is addressed in Section N (Air Emissions). A general description of tank, and container processing systems follows. Detailed discussions of these systems are provided in

Sections D (Use and Management of Containers), and E (Tank Systems).

Hazardous waste storage, treatment, and processing occur in three storage areas at the CHK facility. Hazardous waste is managed in tanks, and containers in the Processing Area, the Drum Dock and Building C. An overview regarding these activities is presented in the following paragraphs.

B-6b **Container Management Systems:**

Three (3) buildings at the facility are designated primarily for container management. Permitted storage capacities for each building are designated in Addendum B to the Part A Permit Application (Section A). Container management areas will be operated such that the stored volume will not exceed the permitted capacity. The volume of waste stored in any of the container storage buildings is dictated by containment volumes and operational requirements. Specifics regarding container management at the facility are discussed in Section D, Container Management.

B-6c **Tank Systems:**

A variety of tank systems are used at the CHK facility. Tanks are used to store and/or treat liquids, solids, and sludge. The tank systems presently in use or planned are located in the Process Building, and are identified and discussed in detail in Section E, Tank Systems.

B-6d **Other Regulated Units:**

It is Clean Harbors Kansas, LLC's intention to remove the miscellaneous process units formerly described in this section from the RCRA Permit.

B-6e **Non-regulated Units and Activities:**

In addition to hazardous wastes regulated under 40 CFR 264, other industrial wastes as well as selected household wastes are managed at the CHK facility. These wastes include, but are not limited to, used oil destined for burning for energy recovery (regulated under 40 CFR 266 Subpart E), synthetic oil reprocessing, industrial coolants and waste waters.

Processing equipment on-site as described in the Part A application may be utilized for management of non-hazardous waste. The procedures used for decontaminating equipment between hazardous waste service and subsequent non-hazardous waste service are provided in Attachment C-A to Section C (Waste Characterization) and Section E (Tank Systems).

B-7 Anticipated Change of Operations/Units:

Additional waste management and operations planned for the CHK facility after permit issuance are of two types: 1) changes as a result of new regulations and permitting requirements, and 2) reduction of operations to meet the challenges of future local and regional waste management requirements. Anticipated waste management needs include:

- The addition of newly identified wastes (as they become regulated) to the Part A permit;

- Modification of the facility and permit application to accommodate evolving local, state, and federal regulations.

Endnote References

1. Greater Wichita Economic Development Coalition (2008): www.gwedc.org/living_working-climate.php

2. Lane, Charles W. and Don E. Miller, December, 1965. Geohydrology of Sedgwick County, Kansas. State Geological Survey of Kansas, Bulletin 176, 100 pp.

3. United States Department of Agriculture, Soil Conservation Service, April, 1979. Soil Survey of Sedgwick County, Kansas. 126 p.

4. Groundwater Technology, Inc., August 1991. Draft Remedial Investigation Report of the 29th and Mead RI/FS. Volume 1, prepared for Wichita North Industrial District, 60 pp.

5. Hershfield, David M., US Dept. of Commerce, Soil Conservation Service, Rainfall Frequency Atlas of the United States - Weather Bureau Technical Paper No. 40, 115 pp.

6. National Weather Service, Weather Forecast Office, Wichita, KS (2008): www.crh.noaa.gov

Table of Contents

List of Appendices

Appendix C-A

Acronym Table

Clean Harbors Kansas, LLC (CHK)

Kansas Administrative Regulations (KAR)

Resource Conservation and Recovery Act (RCRA)

Title 40 of the Code of Federal Regulations (40 CFR)

Waste Analysis Plan (WAP)

Environmental Protection Agency (EPA)

Toxic Substances Control Act (TSCA)

Polychlorinated Biphenyl (PCB)

C. Waste Characterization: 40 CFR Parts 261, 262, 264, 268 and 270

The Purpose of this section, waste characterization, is to provide a general description of the waste types anticipated for management, and the sampling and analytical procedures to be implemented, at Clean Harbors Kansas, LLC. This section is provided to fulfill the requirements of the Kansas Administrative Regulations (KAR), and 40 CFR Parts 261, 262, 264, 268, and 270. The KAR incorporate, with few additions, the RCRA regulations contained in 40 CFR Parts 260 through 270. Therefore, this section will refer only to the federal regulations.

This section contains a description of the provisions for waste sampling and analysis related to the management of wastes at CHK. These provisions have also been incorporated into a document referred to as the Waste Analysis Plan (WAP), which has been provided as Appendix C-A. The terms used in Section C will have the same meaning as those defined in the WAP.

C-1 Chemical and Physical Analysis: 40CFR 264.13(a) and 270.14 (b) (2)

CHK has identified wastes which are acceptable for management at CHK, and wastes which will not be accepted for management at CHK. Wastes in these categories are identified below.

Wastes Acceptable for Management: Materials acceptable for management at CHK will include solid wastes and hazardous wastes. There are two (2) general categories of hazardous wastes according to 40 CFR 261.3. These categories are:

Characteristic wastes: Characteristic wastes exhibit any hazardous characteristic identified in 40 CFR Part 261, Subpart C. The characteristics are ignitability, corrosivity, reactivity, or toxicity.

Listed Wastes: Listed wastes include those wastes listed in 40CFR Part 261, Subpart D.

These two (2) categories include "mixture rule" and "derived from rule" wastes which are described below.

> Mixture Rule Wastes: Mixture rule wastes are a mixture of a solid wastes and a characteristic waste unless the mixture no longer exhibits any hazardous characteristic or a mixture of a solid waste and one or more listed hazardous wastes.
>
> Derived From Rule Wastes: Wastes subject to the derived from rule include any waste generated from the treatment, storage, or disposal of a hazardous waste, including any sludge, spill residue, or leachate.

Attachment C-B to the WAP contains a list of hazardous wastes which may be received at CHK. The wastes listed in Attachment C-B are referred to by the EPA Hazardous Waste Number. The hazard code is used by EPA to indicate if the waste is reactive (R), toxic (T), corrosive (C), ignitable (I), an acute hazardous waste (H), or whether the waste exhibits the Toxicity Characteristic (E) and can be found in 40 CFR Part 261. The basis for designating these wastes as hazardous is provided in 40 CFR Part 261, Appendix VII.

The Hazardous Waste Numbers further classify the wastes. Hazardous Waste Numbers D001 through D043 refer to the "characteristic wastes." D001 represents wastes that are ignitable in character; D002, those that are corrosive;

and D003, those that are reactive. Wastes whose extracts contain concentrations are specific inorganic or organic constituents above specific inorganic constituents above a specified level are assigned one of the numbers D004 through D043.

"Lists wastes" include four (4) groups of hazardous wastes numbers. Hazardous wastes generated from non-specific industry sources such as degreasing and electroplating operations are listed with numbers beginning with the letter :F" (e.g., F001). Hazardous wastes from specific generating sources such as petroleum refining are assigned numbers beginning with the letter "K" (e.g., K048). Hazardous waste numbers beginning with "P" or "U" represent waste commercial chemical products and manufacturing chemical intermediates (whether on- or off-specification).

The wastes accepted at CHK will vary considerably in both composition and form. Various organic and inorganic constituents may be present in the wastes. Wastes will be liquid, solid, or multi-phasic. General waste descriptions include hazardous wastes of the following types: contaminated wastewaters, spent catalysts, electroplating wastes, metal-contaminated sludges, spent-solvent residual, off-specification chemicals, and a variety of other waste types.

Each waste stream will be characterized prior to acceptance for management at the facility following the procedures described in Section 5.0 of the WAP. The pre-acceptance characterization will be used to determine the acceptability of waste streams for management at CHK. Profiles and other analytical data (as required) are maintained in the operating record for three years or longer.

Waste Prohibited from Management: Materials which will not be accepted for management at CHK include, but are not limited to, the following.

- Dioxin containing hazardous wastes identified by EPA Hazardous Waste Numbers F020, F021, F022, F023, F026, F027 and F028.
- NRC regulated radioactive wastes and materials.
- Infectious medical wastes.
- TSCA regulated PCBs.

C-1a Receiving and Acceptance Criteria: 40CFR 264.13 (a), 264.172, 264.177, 264.191 (a), 270.15 (b) (1) and (d)

Prior to accepting a waste stream for management at CHK, the waste will be subject to the pre-acceptance procedures. The pre-acceptance procedures are described in Section 5.0 of the WAP. As part of these procedures, each waste stream will be evaluated for acceptability for management at CHK. The evaluation will be based on a review of information about the waste as provided by the generator, of the value of, or a range of values for, a set of material parameters. A rationale for the selection of these parameters is provided in Section 2.0 of the WAP.

Waste shipments arriving at the facility for management will be subject to the incoming load procedures. The incoming load procedures are described in Section 6.0 of the WAP. As part of these procedures, each waste stream will be evaluated for conformity with the description of the waste determined during the pre-acceptance procedures.

There are several sampling and analysis considerations with respect to the management of wastes at CHK. These are described in Sections 6.0 and 7.0 in the WAP. These considerations include identification of waste with the characteristics of ignitability, corrosivity, or reactivity; waste which may be

incompatible with other wastes; and wastes which may be incompatible with the container or tank in which it is stored.

C-2 Waste Analysis Plan: 40 CFR 264.13 (b) and (c), 268.7, and 270.14 (b) (3)

A copy of the WAP is provided as Appendix C-A. The WAP describes the procedures used to obtain chemical and physical information and date on the wastes to insure proper management and conformance with applicable land disposal restrictions. These procedures include:

- Pre-acceptance procedures (Section 5.0 of the WAP);
- Incoming load procedures (Section 6.0 of the WAP); and
- Treatment, storage, and other management consideration (Section 7.0 of the WAP).

C-2a Parameters and Rationale: 40 CFR 264.13 (b) (1)

General waste characterizations or profiles will first be developed by determining the value of, or the range of values for, a given set of parameters. These parameters are referred to as "mandatory" parameters. The list of mandatory parameters for the pre-acceptance and incoming load procedures is provided in Section 2.0 of the WAP.

In addition to performing analysis for the mandatory parameters, the values of other parameters may be determined at any time prior to, or during, management of the waste at CHK to more fully define waste characteristics. Since these parameters are discretionary, they are referred to as "supplemental" parameters. Examples of supplemental parameters are provided in Section 2.0 of the WAP.

The rationale for selection waste characterization parameters used during pre-acceptance and incoming load procedures is also provided in Section 2.0 of the WAP.

C-2b Test Methods: 40 CFR 264.13 (b) (2)

The typical analytical methods used to obtain the values of the mandatory parameters are described in Section 3.0 of the WAP. As new analytical procedures are developed, these procedures may be adopted and the WAP updated accordingly, as provided in 40 CFR 270.42.

C-2c Sampling Methods: 40 CFR Part 261, Appendix I, and 264.13 (b) (3)

Section 4.0 of the WAP presents methods to be utilized by CHK to obtain a representative sample of wastes. These methods will apply to waste generated off-site as well as facility generated waste. Discussions of the circumstances under which the sampling will be performed are presented in Sections 5.0 through 7.0 of the WAP. The specific sampling methods selected are dependent on both the nature of the waste and the type of container or tank that the waste is in.

Other considerations with respect to sampling are also described in Section 4.0 of the WAP. There other considerations include:

- Sampling Safety Precautions;
- Sampling Method References;
- Sampling Locations;
- Sampling Equipment;
- Frozen Shipments or Samples;

- Cleaning of Sampling Apparatus;
- Management of Samples After Analysis;
- Remote Project Sampling and/or Analysis;
- Lab Packs;
- Nonhazardous Wastes; and
- Vitrified, Cemented, and Other Materials Exhibiting High Structural Integrity.

C-2d Frequency of Analysis: 40 CFR 264.13 (b) (4)

An analysis of the wastes may be conducted at selected management stages including the following.

- Before a waste stream is accepted (pre-acceptance);
- When a waste arrives (incoming load);
- At selected management stages (in-process); and
- A minimum of every two years (re characterization).

The decision to accept a waste for management at CHK will be in part based on a characterization or profile of the waste. At a minimum, this characterization is accomplished through knowledge of the waste or laboratory analysis of the waste during the pre-acceptance procedure. CHK will re characterize incoming waste streams at least every two years to verify that the original characterization of the waste is still accurate. Any incoming load accepted at CHK must have been characterized (or re characterized) within the last twenty-four (24) months. A sample of an incoming load may be used for the re characterization. CHK may also repeat the pre-acceptance characterization if:

- a generator notifies that the process generating the waste has changed;
- the incoming load is outside of the acceptance tolerance ranges provided in the WAP, or
- it is suspected that a particular waste shipment differs from the pre-acceptance characterization.

Any waste characterization or re characterization that assigns or removes a hazardous waste characteristic code for a Kansas generated waste shall be performed by a Kansas certified laboratory in accordance with KAR 28-31-4 (b) (3).

C-2e Additional Requirements for Wastes Generated off-site: 40 CFR 264.13 (b) (5), 264.13 (c), and 264.73 (a) and (b)

Using the information available from the generator, CHK will develop a characterization or profile of the waste stream during the pre-acceptance procedures. The activities involved with characterizing a waste for pre-acceptance purposes are provided below; additional description is provided in the WAP.

Requirements of the Generator: The generator of a waste stream is required to provide information on the properties of the waste or the process generating the waste described in Section 5.0 of the WAP.

Analysis for parameters (Mandatory and Supplemental): CHK may confirm certain waste characterization data supplied by the generator by analyzing the representative sample(s) of the waste from one or more of the mandatory or supplemental pre-acceptance parameters.

Evaluation: After completing the pre-acceptance waste characterization, the acceptability of the waste for management at CHK will be determined. This determination will be based on permit conditions, availability of proper treatment techniques, and storage and off-site disposal capacities.

C-2f Additional Requirements fro Handling Ignitable, Reactive, or Incompatible Wastes: 40 CFR 264.13 (b) (6), and 264.17

Ignitable, reactive, and incompatible wastes will be received at CHK. Provisions for the identification of wastes with these characteristics have been included in the WAP. These provisions are described in Sections 5.0, 6.0, and 7.0 of the WAP.

C-3 Additional Waste Characterization Requirements Pertaining to the Land Disposal Restrictions: 40 CFR 264.13 (a) (1), 264.13 (b) (6), 268.7, 270.14 (b) (3)

Information submitted by the generator (or a representative of the generator) for the waste streams managed at CHK may include notifications required by 40 CFR 268.7, laboratory analytical data, or information based on knowledge of the waste or of the process generating the waste. This information will be used to determine if the waste is subject to the restrictions on the placement of hazardous waste in a land-based disposal unit (i.e., restricted under 40 CFR Part 268). Provisions for the identification and analysis of wastes which are subject to these restrictions are described in Sections 5.0, 6.0, and 7.0 of the WAP.

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